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Ohio Labor Market Information

Labor Market Review

August 1989

Summary. In August, Ohio's seasonally adjusted unemployment rate was 4.8 percent, down from 5.4 percent in July. The national rate, at 5.2 percent, was unchanged from July. Total employment in Ohio rose 52,000 to 5,209,000. There were 260,000 workers unemployed in the State in August, down 33,000 from July. Seasonally adjusted nonagricultural wage and salary employment increased 20,000 from July to 4,807,000 in August. There were significant gains in both manufacturing and nonmanufacturing industries. (See page 3.)

Factory Employment. Manufacturing employment in Ohio rose 9,000 from July to 1,108,000 in August. Durable-goods employment advanced 8,000 to 748,000, due to returns from layoffs in transportation equipment and primary metal industries. Nondurable-goods employment was virtually unchanged from July at 360,000, despite an increase in rubber and miscellaneous plastics products.

Nonmanufacturing. Ohio's nonmanufacturing employment, at 3,699,000 in August, was up 11,000 from July. The end of a labor-management dispute boosted employment in mining 3,000. Services also added 3,000 jobs, while retail trade rose 2,000. Construction, transportation and public utilities, wholesale trade, and finance, insurance, and real estate each increased 1,000. The only division to lose employment was government, which fell 1,000.

Over the Year. The unemployment rate in Ohio declined from 5.6 percent in August 1988 to 4.8 percent in August 1989. The U.S. rate fell from 5.6 percent to 5.2 percent during the same period. Total employment in Ohio rose 181,000 over the year, while total unemployment was down 41,000. Nonfarm wage and salary employment increased 127,000 from August 1988. The largest gains were in services (+47,000), retail trade (+33,000), and construction (+15,000). All other divisions showed improvement except mining, which remained at the 1988 level. Increases in durable-goods industries raised manufacturing employment 8,000 over the year.

Factory Hours and Earnings. Production workers in manufacturing industries in Ohio earned an average of $516.11 per week in August, up $5.39 from July. The only notable decrease in earnings occurred in metal forgings and stampings. Motor vehicles and equipment, iron and steel foundries, and electric lighting and wiring had the most significant increases. The average workweek of 42.2 hours was .2 hours longer.

Benefits and Costs. Initial claims filed under the Ohio Unemployment Compensation Law totaled 50,739 in August, down 19.0 percent from July but up .8 percent from August 1988. Total benefits paid rose 14.5 percent from July to $43.1 million. The average benefit check of $159.68 was $.92 higher. The average weekly number of benefit recipients fell 1.2 percent from July to 59,744. At the end of August there were 204,563 active employer accounts.

Ohio Bureau of Employment Services

Richard F. Celeste, Governor Ellen O'Brien Saunders, Administrator

Employment Service. The Ohio Bureau of Employment Services aided 43,692 new job applicants in August, up 61.7 percent from July and up 4.8 percent from August 1988. The number of job openings received from employers rose 66.9 percent from July to 44,961. The Employment Services Division made 30,703 job referrals and 11,687 placements.

Ohio Occupational Almanac

Our most popular publication, the *Ohio Occupational Almanac*, is now ready for release. This bound reference of over 500 pages offers a look at supply, demand, wages and job holder characteristics of more than 200 occupations. Organization of the data has been greatly improved and new surveys have been used to update all of the information. The *Ohio Occupational Almanac* gives the reader a quick, yet thorough, accounting of the growth and employment patterns, the average wage, available training courses, number of completors available for work, and the occupational, educational and interest characteristics associated with each job area.

Important: Since the demand for labor market information has been increasing at the same time the agency's budget has been decreasing, it has become necessary to institute a cost-recovery charge for the *Almanac*. Your $10 purchase price will enable us to recover the printing cost, as well as shipping and handling of your *Almanac* copy.

For more information, call the LMI Division at (614) 644-2689, or write:

Ohio Bureau of Employment Services
LMI Division
Attn: Statistical Services
P.O. Box 1618
Columbus, OH 43216

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Seasonally Adjusted Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	August 1989	July 1989	August 1988	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,469	5,450	5,329	19	140	0.3	2.6
Employment	5,209	5,157	5,028	52	181	1.0	3.6
Unemployment	260	293	301	-33	-41	-11.3	-13.6
Unemployment Rate	4.8	5.4	5.6				
Employer Survey Data[e]							
Total	4,807	4,787	4,680	20	127	0.4	2.7
Manufacturing	1,108	1,100	1,100	9	8	0.8	0.8
Durable Goods	748	740	741	8	7	1.1	1.0
Nondurable Goods	360	359	358	0	1	0.1	0.4
Nonmanufacturing	3,699	3,688	3,581	11	118	0.3	3.3
Mining	20	17	20	3	0	18.9	1.4
Construction	197	197	183	1	15	0.4	8.0
Transportation and Public Utilities	215	214	212	1	3	0.4	1.5
Wholesale Trade	263	262	256	1	8	0.4	3.0
Retail Trade	911	908	878	2	33	0.3	3.7
Finance, Insurance, and Real Estate	256	255	251	1	6	0.3	2.3
Services	1,140	1,136	1,093	3	47	0.3	4.3
Government	696	698	689	-1	7	-0.2	1.0
Goods Producing Industries[f]	1,325	1,313	1,302	13	23	1.0	1.8
Service Producing Industries[g]	3,482	3,475	3,378	7	103	0.2	3.1

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.

[b]Changes are computed from unrounded numbers.

[c]Percentages are computed from unrounded numbers.

[d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics.

[e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Labor Market Review*.

[f]Includes Mining, Construction, and Manufacturing.

[g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance, and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rates	
Total	Employed	Unemployed	Ohio	U.S.
5,242	4,877	365	7.0	6.0
5,213	4,921	292	5.6	5.9
5,231	4,910	321	6.1	6.0
5,270	4,946	324	6.1	5.9
5,279	4,949	330	6.3	5.8
5,324	4,981	343	6.4	5.8
5,355	5,014	341	6.4	5.7
5,369	4,974	395	7.4	5.6
5,301	4,970	331	6.2	5.5
5,284	4,960	324	6.1	5.6
5,306	4,994	312	5.9	5.4
5,294	5,004	290	5.5	5.4
5,329	5,028	301	5.6	5.6
5,311	5,004	307	5.8	5.4
5,349	5,049	300	5.6	5.3
5,366	5,059	307	5.7	5.4
5,355	5,060	295	5.5	5.3
5,426	5,094	332	6.1	5.4
5,432	5,152	280	5.2	5.1
5,428	5,144	284	5.2	5.0
5,381	5,093	288	5.4	5.3
5,434	5,138	296	5.4	5.2
5,490	5,183	307	5.6	5.3
5,450	5,157	293	5.4	5.2
5,469	5,209	260	4.8	5.2

Ohio Nonagricultural Wage and Salary Employment

(in thousands)

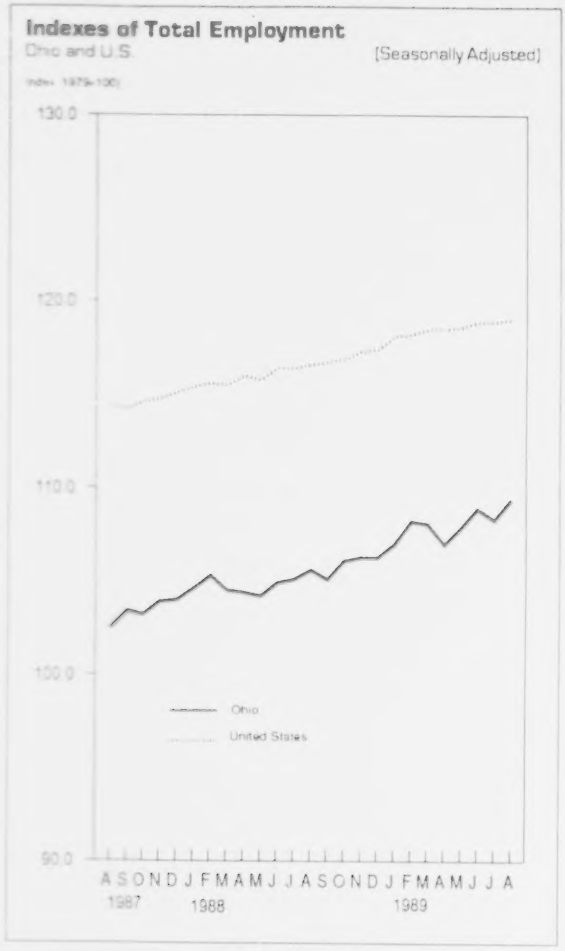
	Total Nonagricultural Employment			
		Manufacturing Employment		
			Durable	Nondurable
1987				
August	4,588	1,098	739	359
September	4,596	1,101	743	358
October	4,617	1,105	745	360
November	4,631	1,106	746	360
December	4,650	1,110	748	362
1988				
January	4,637	1,104	744	360
February	4,544	1,103	743	359
March	4,653	1,097	737	360
April	4,656	1,101	742	359
May	4,661	1,100	742	359
June	4,671	1,102	742	360
July	4,676	1,101	742	359
August	4,680	1,100	741	358
September	4,691	1,103	743	359
October	4,704	1,105	746	360
November	4,721	1,110	750	361
December	4,733	1,111	750	362
1989				
January	4,764	1,122	757	364
February	4,772	1,118	754	364
March	4,777	1,114	751	363
April	4,778	1,110	748	362
May	4,780	1,107	747	360
June	4,786	1,107	746	361
July	4,787	1,100	740	359
August	4,807	1,108	748	360

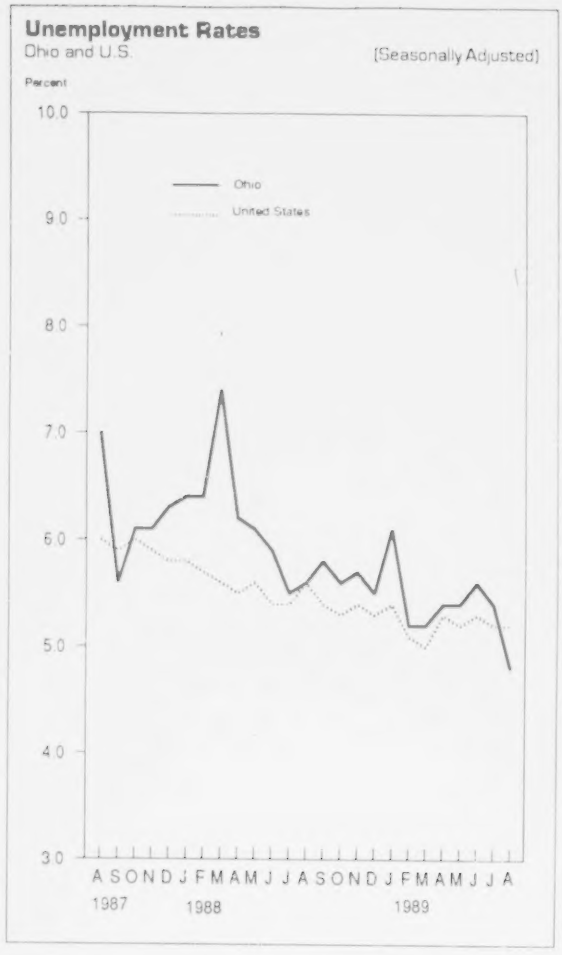
Nonmanufacturing Employment

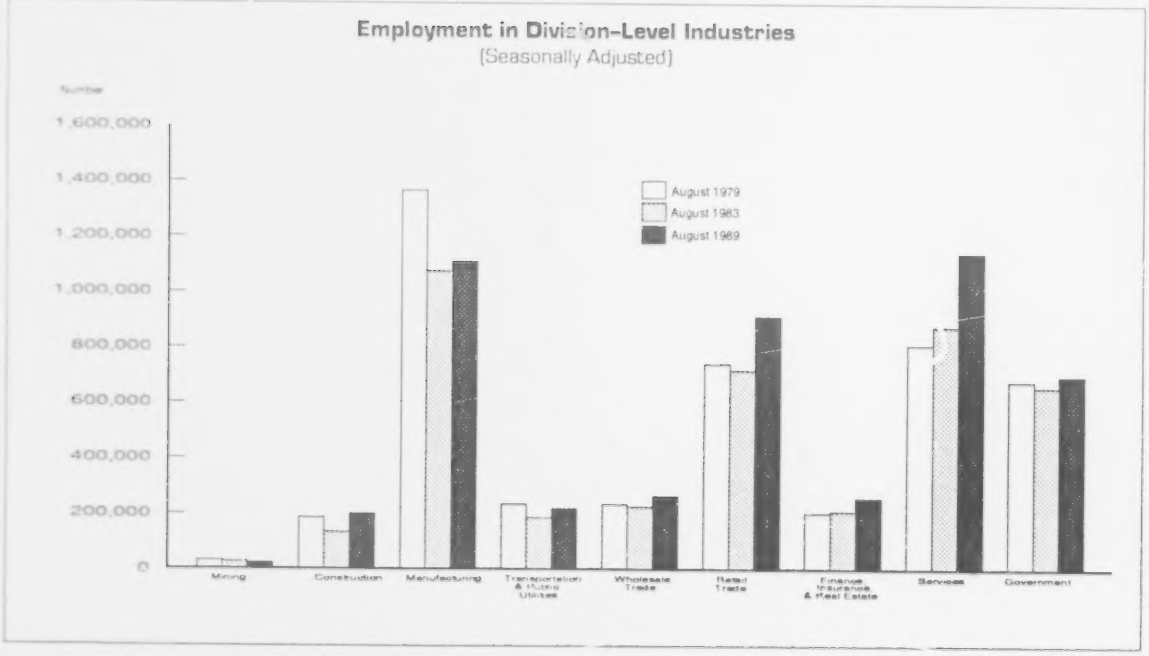
(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
3,490	21	176	209	248	849	245	1055	687
3,495	20	177	209	249	850	246	1059	685
3,512	21	178	209	251	856	247	1062	688
3,525	21	180	210	251	860	247	1067	691
3,540	21	183	210	252	863	248	1073	691
3,533	20	181	210	251	865	247	1068	691
3,542	20	182	210	251	868	247	1073	690
3,557	19	185	211	252	872	248	1078	692
3,555	20	183	211	252	870	249	1079	691
3,561	19	182	211	253	871	249	1083	692
3,569	19	182	211	254	874	249	1087	692
3,575	19	182	212	255	876	250	1089	692
3,581	20	183	212	256	878	251	1093	689
3,589	19	184	212	256	880	251	1095	691
3,599	19	184	212	257	884	252	1097	693
3,611	19	186	213	258	887	252	1102	694
3,622	19	188	213	258	889	252	1108	693
3,642	19	196	213	259	896	253	1112	693
3,654	19	197	213	260	899	254	1116	696
3,663	19	197	214	260	903	254	1120	696
3,668	19	196	215	261	902	255	1125	695
3,672	19	196	214	261	902	255	1129	696
3,679	20	197	214	261	906	255	1132	694
3,688	17	197	214	262	908	255	1136	698
3,699	20	197	215	263	911	256	1140	696

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Labor Market Review*.


Indexes of Total Employment
Ohio and U.S.
[Seasonally Adjusted]
Index 1979=100
130.0
120.0
110.0
100.0
90.0
Ohio
United States
A S O N D J F M A M J J A S O N D J F M A M J J A
1987
1988
1989


Unemployment Rates
Ohio and U.S.
[Seasonally Adjusted]
Percent
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
Ohio
United States
A S O N D J F M A M J J A S O N D J F M A M J J A
1987
1988
1989


Employment in Division-Level Industries
(Seasonally Adjusted)
Number
1,600,000
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
August 1979
August 1983
August 1989
Mining
Construction
Manufacturing
Transportation & Public Utilities
Wholesale Trade
Retail Trade
Finance, Insurance & Real Estate
Services
Government

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rates		
Total	Employed	Unemployed	Ohio	U.S.	
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,135	4,680	455	8.9	7.2	1985
5,232	4,806	425	8.1	7.0	1986
5,254	4,887	367	7.0	6.2	1987
5,328	5,008	320	6.0	5.5	1988
					1988
5,376	5,076	301	5.6	5.4	August
5,287	4,985	302	5.7	5.2	September
5,365	5,087	278	5.2	5.0	October
5,400	5,113	287	5.3	5.2	November
5,352	5,066	286	5.4	5.0	December
					1989
5,384	5,015	369	6.9	6.0	January
5,380	5,063	317	5.9	5.6	February
5,375	5,068	307	5.7	5.2	March
5,357	5,085	273	5.1	5.1	April
5,419	5,143	277	5.1	5.0	May
5,537	5,216	321	5.8	5.5	June
5,526	5,248	277	5.0	5.3	July
5,517	5,257	261	4.7	5.1	August

Ohio Nonagricultural Wage and Salary Employment

(in thousands)

Total Nonagricultural Employment	Manufacturing Employment			
		Durable	Nondurable	
4,394.9	1,377.2	974.5	402.7	1978
4,484.8	1,382.3	980.5	401.8	1979
4,367.4	1,264.3	882.6	381.8	1980
4,317.7	1,232.6	860.4	372.2	1981
4,124.3	1,099.9	752.4	347.5	1982
4,092.5	1,066.0	723.6	342.4	1983
4,260.2	1,127.0	773.4	353.6	1984
4,372.9	1,124.3	768.7	355.5	1985
4,471.4	1,109.8	752.7	357.1	1986
4,582.6	1,098.9	740.4	358.4	1987
4,683.0	1,103.1	743.6	359.6	1988
				1988
4,679.1	1,102.1	740.5	361.6	August
4,731.7	1,110.5	745.6	364.9	September
4,757.7	1,110.3	747.8	362.5	October
4,834.7	1,115.7	753.3	362.3	November
4,781.8	1,115.1	752.5	362.6	December
				1989
4,669.0	1,112.2	751.4	360.8	January
4,671.4	1,107.3	747.9	359.4	February
4,707.6	1,106.9	748.1	358.8	March
4,761.0	1,107.1	748.4	358.7	April
4,811.3	1,107.5	748.7	358.8	May
4,831.8	1,112.5	750.8	361.7	June
4,791.5	1,099.6	739.6	360.0	July
4,807.0	1,109.8	746.8	363.0	August

Nonmanufacturing Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government	
3,017.7	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5	1978
3,102.5	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0	1979
3,103.0	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9	1980
3,085.1	30.7	153.7	217.2	232.5	717.7	205.8	851.6	676.0	1981
3,024.4	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6	1982
3,026.5	26.6	130.8	198.5	222.5	711.0	207.8	873.3	656.1	1983
3,133.1	27.8	144.8	203.9	236.7	748.0	211.5	905.2	655.2	1984
3,248.6	26.1	154.0	202.7	243.7	787.9	219.3	949.5	665.2	1985
3,361.6	22.6	160.7	203.4	244.3	818.6	232.3	1,001.0	678.9	1986
3,483.7	20.9	176.4	207.8	248.0	848.3	243.8	1,051.2	687.3	1987
3,579.8	19.5	183.6	211.5	254.3	876.5	249.8	1,087.8	696.8	1988
									1988
3,577.0	19.8	202.5	213.9	256.3	886.2	253.3	1,104.7	640.3	August
3,621.2	19.8	202.0	214.8	256.5	888.2	251.8	1,109.8	678.3	September
3,647.4	19.8	203.0	215.0	258.4	891.8	252.1	1,105.1	702.2	October
3,719.0	19.7	197.4	214.7	258.5	906.0	252.1	1,102.1	768.5	November
3,666.6	19.5	188.0	215.3	259.1	921.4	252.4	1,101.0	710.0	December
									1989
3,556.9	18.9	167.0	208.7	256.9	877.0	250.3	1,083.4	694.5	January
3,564.1	18.6	162.2	208.5	256.9	867.2	250.8	1,091.8	708.0	February
3,600.8	18.7	170.8	209.7	257.8	876.3	251.5	1,103.0	712.9	March
3,653.9	19.0	184.7	212.8	259.7	889.8	253.1	1,125.5	709.3	April
3,703.7	19.2	197.0	214.3	261.3	904.2	254.6	1,138.7	714.4	May
3,719.4	19.8	206.5	216.0	263.1	912.5	257.0	1,149.9	694.5	June
3,692.0	17.0	215.0	216.0	263.8	913.8	258.5	1,151.2	656.5	July
3,697.2	20.1	218.5	217.1	264.0	919.0	259.1	1,152.4	646.9	August

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Manufacturing Employment, Hours, and Earnings[a]

Manufacturing Employment				Production Workers in Manufacturing		
Total (thousands)	Durable Goods (thousands)	Nondurable Goods (thousands)		Production Workers (thousands)	Aggregate Weekly Payroll (millions)	Aggregate Weekly Hours (millions)
1,377.2	974.5	402.7	1978	985.5	$302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,124.3	768.7	355.5	1985	773.4	369.7	32.5
1,109.8	752.7	357.1	1986	758.5	369.1	31.9
1,098.9	740.4	358.4	1987	751.4	375.5	32.0
1,103.1	743.6	359.6	1988	759.1	391.7	32.6
			1988			
1,102.1	740.5	361.6	August	756.7	382.1	32.1
1,110.5	745.6	364.9	September	765.9	399.6	33.2
1,110.3	747.8	362.5	October	765.5	400.4	33.1
1,115.7	753.3	362.3	November	771.1	410.1	33.7
1,115.1	752.5	362.6	December	770.1	411.5	33.7
			1989			
1,112.2	751.4	360.8	January	766.2	404.1	33.1
1,107.3	747.9	359.4	February	762.0	400.1	32.8
1,106.9	748.1	358.8	March	761.4	400.2	32.7
1,107.1	748.4	358.7	April	761.4	397.0	32.5
1,107.5	748.7	358.8	May	761.1	397.5	32.5
1,112.5	750.8	361.7	June	764.1	402.9	32.8
1,099.6	739.6	360.0	July	750.5	383.3	31.5
1,109.8	746.8	363.0	August	760.1	392.3	32.1

Production Worker Average Weekly Earnings				Production Worker Average Weekly Hours				Production Worker Average Hourly Earnings			
Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods	
$306.91	$316.83	$279.30	1978	42.1	42.3	41.5	1978	$ 7.29	$ 7.49	$ 6.73	1978
325.36	335.30	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	7.25	1979
347.94	358.57	319.99	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96	1980
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80	1981
403.81	414.80	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38	1982
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77	1983
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02	1984
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31	1985
486.68	507.95	439.71	1986	42.1	42.4	41.6	1986	11.56	11.98	10.57	1986
499.70	519.52	455.03	1987	42.6	42.9	41.9	1987	11.73	12.11	10.86	1987
516.00	538.59	465.47	1988	43.0	43.4	42.2	1988	12.00	12.41	11.03	1988
			1988				1988				1988
504.98	525.21	460.22	August	42.4	42.7	41.8	August	11.91	12.30	11.01	August
521.77	545.38	469.63	September	43.3	43.7	42.5	September	12.05	12.48	11.05	September
523.06	546.69	467.84	October	43.3	43.7	42.3	October	12.08	12.51	11.06	October
531.83	557.80	472.43	November	43.7	44.2	42.6	November	12.17	12.62	11.09	November
534.36	557.80	479.62	December	43.8	44.2	42.9	December	12.20	12.62	11.18	December
			1989				1989				1989
527.47	551.06	472.36	January	43.2	43.7	42.1	January	12.21	12.61	11.22	January
525.03	547.67	472.63	February	43.0	43.5	41.9	February	12.21	12.59	11.28	February
525.53	549.41	470.50	March	42.9	43.5	41.6	March	12.25	12.63	11.31	March
521.37	542.59	473.71	April	42.7	43.2	41.7	April	12.21	12.56	11.36	April
522.22	543.46	471.86	May	42.7	43.2	41.5	May	12.23	12.58	11.37	May
527.24	546.05	480.48	June	42.9	43.2	42.0	June	12.29	12.64	11.44	June
510.72	526.66	472.79	July	42.0	42.2	41.4	July	12.16	12.48	11.42	July
516.11	532.12	478.72	August	42.2	42.4	41.7	August	12.23	12.55	11.48	August

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment and Average Weekly Earnings in Selected Major Manufacturing Industries[a]

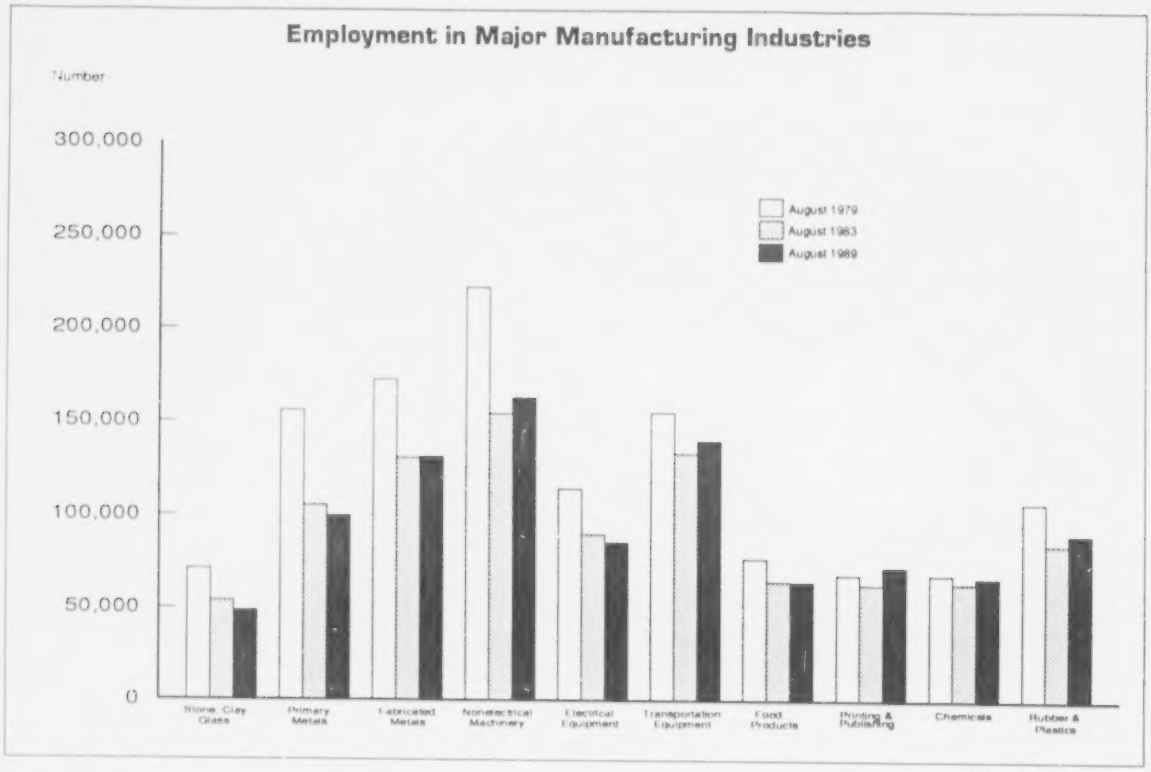
Employment
(thousands)

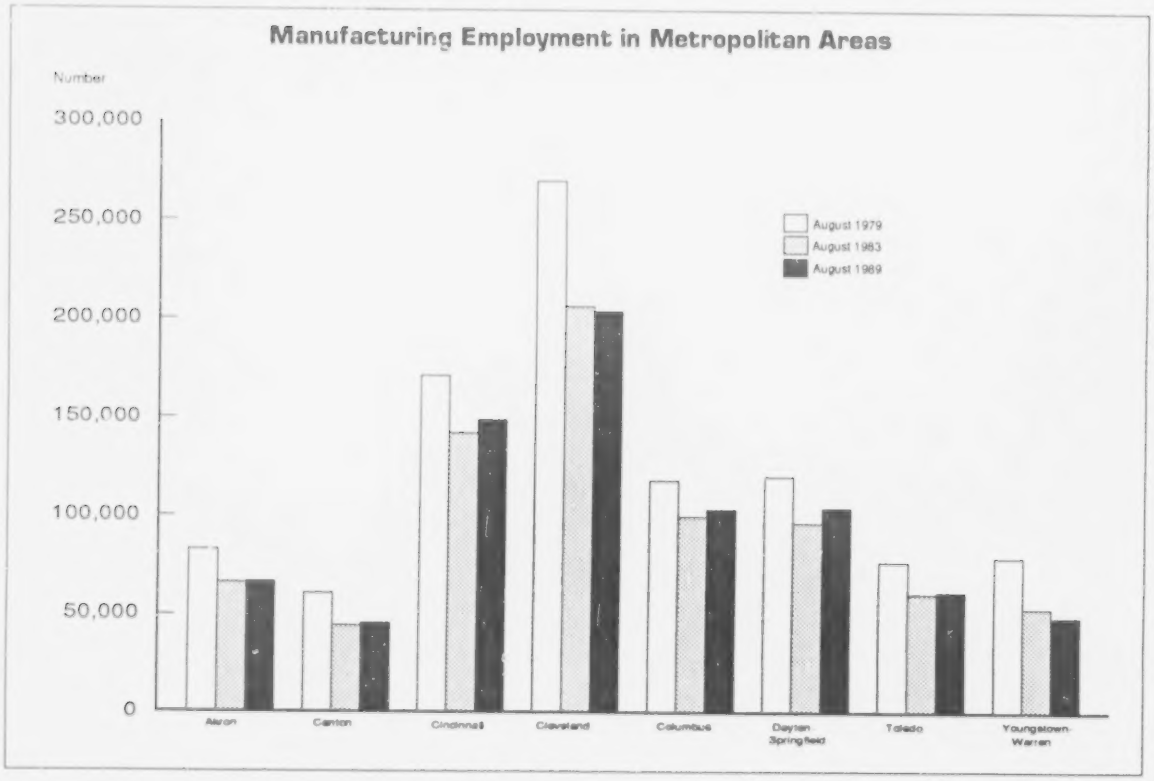
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.7	151.2	1985	62.9	66.8	91.4
49.5	95.4	136.5	1986	158.6	89.1	153.9	1986	63.0	68.4	92.7
48.4	95.8	133.1	1987	155.2	86.7	149.0	1987	63.1	70.5	91.9
47.8	99.9	133.0	1988	158.7	86.3	141.8	1988	62.5	71.5	90.8
			1988				1988			
48.7	99.1	131.1	August	158.6	86.0	140.5	August	63.7	71.4	90.6
48.3	101.1	133.3	September	159.9	86.0	139.4	September	66.4	71.8	90.9
48.2	100.9	133.5	October	160.4	86.6	140.6	October	63.9	72.0	91.5
48.4	101.6	134.4	November	161.7	86.9	142.6	November	63.4	72.0	91.8
47.8	102.0	134.8	December	162.7	86.8	140.9	December	63.4	72.3	91.5
			1989				1989			
47.0	101.3	134.9	January	163.0	86.5	141.6	January	62.5	71.9	91.3
46.7	100.7	133.6	February	163.1	85.7	141.0	February	61.1	71.8	91.3
47.4	100.2	133.2	March	163.2	85.6	141.0	March	61.1	71.7	90.9
48.0	100.1	133.5	April	163.2	85.4	140.3	April	61.2	71.5	90.7
48.0	100.0	133.6	May	163.4	85.1	140.0	May	61.7	71.8	90.0
48.4	100.0	133.2	June	163.7	85.4	140.6	June	63.0	72.2	90.0
48.1	97.9	131.2	July	163.5	85.0	133.9	July	62.6	72.0	88.5
48.3	99.4	131.0	August	162.7	85.4	139.4	August	64.0	72.2	89.6

Average Weekly Earnings of Production Workers

$274.81	$366.24	$307.23	1978	$306.16	$268.45	$389.66	1978	$281.15	$285.18	$282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
463.30	626.44	516.77	1988	526.48	472.50	675.24	1988	446.04	445.22	448.24
			1988				1988			
457.69	619.10	500.83	August	508.26	464.80	653.17	August	456.22	445.61	434.84
470.42	632.80	517.97	September	530.64	474.47	698.88	September	446.45	452.63	453.96
468.47	628.60	522.97	October	537.14	470.12	699.79	October	440.37	448.33	454.14
473.90	639.77	531.29	November	545.13	477.99	717.02	November	452.83	449.80	459.46
463.01	636.55	531.73	December	549.70	484.65	721.82	December	456.89	463.65	459.72
			1989				1989			
462.34	629.95	520.22	January	551.15	481.38	702.15	January	441.08	445.02	460.42
463.49	619.89	512.40	February	543.22	470.40	714.48	February	440.18	451.61	451.93
465.38	621.72	511.20	March	545.43	466.34	724.23	March	449.35	454.31	442.68
470.98	624.34	512.48	April	541.11	464.26	683.99	April	455.20	447.70	446.69
464.88	620.64	515.82	May	538.74	462.73	691.75	May	455.10	446.18	453.05
472.01	632.19	507.53	June	536.36	460.37	712.80	June	469.79	447.30	462.03
472.01	605.52	499.62	July	521.00	448.34	676.24	July	462.00	449.26	447.72
478.66	610.74	493.58	August	520.51	459.79	686.35	August	463.52	455.88	451.96

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.


Employment in Major Manufacturing Industries
Number
300,000
250,000
200,000
150,000
100,000
50,000
0
August 1979
August 1983
August 1989
Stone, Clay Glass
Primary Metals
Fabricated Metals
Nonelectrical Machinery
Electrical Equipment
Transportation Equipment
Food Products
Printing & Publishing
Chemicals
Rubber & Plastics


Manufacturing Employment in Metropolitan Areas
Number
300,000
250,000
200,000
150,000
100,000
50,000
0
August 1979
August 1983
August 1989
Akron
Canton
Cincinnati
Cleveland
Columbus
Dayton Springfield
Toledo
Youngstown-Warren

Nonagricultural Wage and Salary Employment[a]

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	August 1989[b]	July 1989[c]	August 1988[c]	From Last Month	From Last Year
Total	4807.0	4791.5	4679.1	15.5	127.9
Manufacturing	1109.8	1099.6	1102.1	10.3	7.7
Durable Goods[e]	746.8	739.6	740.5	7.3	6.3
Lumber and wood products	25.4	25.1	22.8	.3	2.5
Furniture and fixtures	14.9	14.9	14.9	.0	-.1
Stone, clay, and glass products	48.3	48.1	48.7	.2	-.4
Glass and glassware, pressed or blown	8.7	8.6	8.7	.1	.0
Primary metal industries	99.4	97.9	99.1	1.5	.3
Blast furnace and basic steel products	45.8	45.9	45.8	-.1	.0
Iron and steel foundries	19.6	18.6	19.3	1.0	.2
Nonferrous rolling and drawing	16.6	16.3	17.4	.3	-.7
Fabricated metal products	131.0	131.2	131.1	-.2	.0
Cutlery, hand tools, and hardware	9.5	9.4	10.0	.1	-.6
Fabricated structural metal products	28.2	28.3	27.3	-.1	.9
Metal forgings and stampings	38.6	38.8	40.3	-.2	-1.7
Machinery, except electrical	162.7	163.5	158.6	-.8	4.1
Construction and related machinery	14.0	13.9	13.8	.1	.2
Metalworking machinery	43.5	43.5	41.5	.0	2.0
Special industry machinery	18.2	18.2	17.7	-.1	.5
General industrial machinery	28.6	28.8	28.1	-.2	.5
Office and computing machines	12.0	12.3	12.7	-.3	-.7
Refrigeration and service machinery	16.1	16.5	15.7	-.4	.4
Electric and electronic equipment	85.4	85.0	86.0	.4	-.6
Electrical industrial apparatus	17.6	17.8	17.3	-.2	.3
Household appliances	15.9	15.6	15.9	.4	.1
Electric lighting and wiring equipment	16.5	16.6	17.0	-.1	-.4
Communication equipment	9.2	9.2	9.3	.0	-.1
Transportation equipment	139.4	133.9	140.5	5.4	-1.1
Motor vehicles and equipment	93.9	88.5	93.8	5.4	.1
Aircraft and parts	36.7	36.6	38.4	.1	-1.7
Instruments and related products	24.6	24.6	24.2	.1	.4
Measuring and controlling devices	13.3	13.4	13.3	.0	.0
Nondurable Goods[f]	363.0	360.0	361.6	3.0	1.4
Food and kindred products	64.0	62.6	63.7	1.4	.3
Meat products	8.9	8.9	9.0	-.1	-.1
Dairy products	9.7	9.6	9.8	.0	-.1
Preserved fruits and vegetables	12.3	11.2	11.7	1.1	.6
Bakery products	9.8	9.6	9.7	.2	.1
Beverages	9.1	9.1	9.5	.0	-.5
Apparel and other textile products	16.0	15.5	15.3	.4	.7
Paper and allied products	37.1	37.3	37.0	-.3	.1
Misc. converted paper products	12.0	12.2	11.9	-.1	.1
Paperboard containers and boxes	13.3	13.3	13.1	-.1	.2
Printing and publishing	72.2	72.0	71.4	.2	.9
Newspapers	18.7	18.6	18.8	.1	-.1
Commercial printing	28.4	28.3	27.9	.1	.5
Chemicals and allied products	66.3	66.2	65.4	.1	.9
Industrial inorganic chemicals	8.9	8.8	9.1	.1	-.2
Rubber and misc. plastics products	89.6	88.5	90.6	1.1	-1.0
Tires and inner tubes	14.4	14.4	14.8	.0	-.3
Miscellaneous plastics products	55.3	54.3	55.8	1.0	-.5

See footnotes on page 13.

Nonagricultural Wage and Salary Employment[a]

Ohio (continued)

	Employment (in thousands)			Change[d] (in thousands)	
	August 1989[b]	July 1989[c]	August 1988[c]	From Last Month	From Last Year
Nonmanufacturing	3697.2	3692.0	3577.0	5.2	120.2
Mining	20.1	17.0	19.8	3.1	.3
Bituminous coal and lignite mining	8.0	4.9[1]	7.9	3.2	.1
Oil and gas extraction	6.7	6.7	6.7	.0	.0
Construction	218.5	215.0	202.5	3.5	16.0
General building contractors	54.4	53.8	51.1	.6	3.3
Heavy construction contractors	29.3	28.8	27.2	.5	2.1
Highway and street construction	11.5	11.2	11.0	.3	.6
Special trade contractors	134.8	132.4	124.2	2.4	10.6
Transportation and Public Utilities	217.1	216.0	213.9	1.1	3.2
Railroad transportation	13.0	13.1	13.6	.0	-.5
Transportation, except railroads	116.0	114.9	110.9	1.0	5.1
Trucking and warehousing	78.8	77.9	76.1	.9	2.7
Communication, electric, gas services	88.1	88.1	89.5	.0	-1.4
Communication	45.8	45.7	47.1	.0	-1.4
Electric, gas, and sanitary services	42.4	42.3	42.3	.0	.0
Wholesale Trade	264.0	263.8	256.3	.2	7.8
Wholesale trade-durable goods	167.0	167.0	162.7	-.1	4.2
Motor vehicles & automotive equipment	23.3	23.3	22.7	.0	.6
Electrical goods	18.4	18.5	18.4	-.1	.0
Machinery, equipment, and supplies	71.2	71.2	69.5	.1	1.7
Wholesale trade-nondurable goods	97.1	96.8	93.6	.3	3.5
Groceries and related products	30.9	30.8	30.1	.1	.8
Retail Trade	919.0	913.8	886.2	5.1	32.8
General merchandise stores	121.5	120.5	118.6	1.0	2.9
Department stores	103.6	102.8	101.8	.8	1.8
Food stores	146.5	146.4	139.8	.1	6.7
Automotive dealers & service stations	100.5	100.2	97.1	.3	3.4
Apparel and accessory stores	46.8	45.8	44.8	1.0	2.0
Eating and drinking places	314.9	313.3	309.4	1.6	5.5
Finance, Insurance, and Real Estate	259.1	258.5	253.3	.6	5.8
Banking	65.8	65.7	64.7	.2	1.2
Credit agencies other than banks	38.8	38.8	38.5	-.1	.3
Insurance carriers	71.0	70.8	70.0	.2	1.0
Life insurance	26.1	26.1	25.7	.0	.4
Fire, marine, and casualty insurance	31.6	31.5	31.3	.1	.3
Services	1152.4	1151.2	1104.7	1.2	47.7
Hotels and other lodging places	40.3	40.0	38.7	.2	1.5
Personal services	58.3	58.1	56.4	.2	1.9
Laundry, cleaning, & garment services	19.4	19.4	18.8	.1	.6
Business services	244.7	243.4	228.0	1.2	16.6
Services to buildings	33.8	33.6	32.5	.2	1.3
Computer and data processing services	24.1	23.9	22.0	.2	2.0
Amusement and recreation services	55.4	55.5	55.3	-.1	.0
Health services	385.5	384.5	373.2	1.0	12.3
Nursing and personal care facilities	84.9	84.4	82.4	.4	2.4
Hospitals	187.7	187.6	183.0	.1	4.7
Educational services	50.3	51.6	48.7	-1.3	1.5
Colleges and universities	24.9	25.6	24.0	-.8	.8
Government	646.9	656.5	640.3	-9.6	6.6
Federal government	96.5	96.4	94.5	.2	2.1
State government	137.5	140.9	135.7	-3.4	1.8
State government education[f]	60.2	63.0	59.8	-2.9	.4
State government, except education	77.3	77.9	75.9	-.5	1.5
Local government	412.9	419.2	410.2	-6.4	2.7
Local government education	216.4	221.5	217.6	-5.1	-1.2
Local government, except education	196.5	197.8	192.6	-1.3	4.0

See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]
Manufacturing	$516.11	$510.72	$504.98	42.2	42.0	42.4	$12.23	$12.16	$11.91
Durable Goods[e]	532.12	526.66	525.21	42.4	42.2	42.7	12.55	12.48	12.30
Lumber and wood products	336.61	327.22	319.14	41.0	40.1	41.5	8.21	8.16	7.69
Furniture and fixtures	381.71	374.33	382.47	41.4	40.6	41.8	9.22	9.22	9.15
Stone, clay, and glass products	478.66	472.01	457.69	43.2	42.6	42.3	11.08	11.08	10.82
Glass and glassware, pressed or blown	499.80	496.36	503.96	42.5	42.1	43.0	11.76	11.79	11.72
Primary metal industries	610.74	605.52	619.10	43.5	43.5	44.7	14.04	13.92	13.85
Blast furnace and basic steel products	635.15	637.24	649.80	44.2	44.5	45.6	14.37	14.32	14.25
Iron and steel foundries	610.61	589.66	628.34	42.7	42.3	44.5	14.30	13.94	14.12
Nonferrous rolling and drawing	659.28	649.79	622.34	41.7	41.6	41.6	15.81	15.62	14.96
Fabricated metal products	493.58	499.62	500.83	41.2	41.6	42.3	11.98	12.01	11.84
Cutlery, hand tools, and hardware	508.72	507.09	483.52	40.6	40.6	40.7	12.53	12.49	11.88
Fabricated structural metal products	452.52	447.20	456.45	41.9	41.6	42.5	10.80	10.75	10.74
Metal forgings and stampings	597.18	616.56	616.40	41.1	42.0	43.5	14.53	14.68	14.17
Machinery, except electrical	520.51	521.00	508.26	42.7	42.6	43.0	12.19	12.23	11.82
Construction and related machinery	439.96	427.39	430.96	40.4	39.5	41.8	10.89	10.82	10.31
Metalworking machinery	512.60	510.12	497.45	43.7	43.6	44.1	11.73	11.70	11.28
Special industry machinery	522.51	504.24	488.75	45.2	44.0	43.1	11.56	11.46	11.34
General industrial machinery	552.98	540.09	522.46	42.9	41.9	42.1	12.89	12.89	12.41
Office and computing machines	490.68	467.88	464.03	43.5	42.0	42.3	11.28	11.14	10.97
Refrigeration and service machinery	557.88	574.56	568.43	40.9	42.0	42.2	13.64	13.68	13.47
Electric and electronic equipment	459.79	448.34	464.80	41.2	40.5	41.5	11.16	11.07	11.20
Electrical industrial apparatus	455.94	450.84	489.50	42.1	41.9	44.5	10.83	10.76	11.00
Household appliances	484.76	486.81	481.60	40.6	40.5	40.2	11.94	12.02	11.98
Electric lighting and wiring equipment	465.16	438.08	474.29	40.1	38.7	41.1	11.60	11.32	11.54
Communication equipment	523.31	510.62	462.87	43.0	42.2	39.8	12.17	12.10	11.63
Transportation equipment	686.35	676.24	653.17	43.8	43.6	43.4	15.67	15.51	15.05
Motor vehicles and equipment	709.57	696.86	683.08	44.1	43.8	43.9	16.09	15.91	15.56
Aircraft and parts	637.81	646.76	576.71	43.3	43.7	41.7	14.73	14.80	13.83
Instruments and related products	383.40	384.89	366.03	40.4	40.6	39.7	9.49	9.48	9.22
Measuring and controlling devices	382.57	386.50	356.19	39.4	39.6	38.3	9.71	9.76	9.30
Nondurable Goods[f]	478.72	472.79	460.22	41.7	41.4	41.8	11.48	11.42	11.01
Food and kindred products	463.52	462.00	456.22	42.1	42.0	42.4	11.01	11.00	10.76
Meat products	364.10	360.69	370.96	40.5	40.3	40.9	8.99	8.95	9.07
Dairy products	463.43	468.66	458.39	42.4	42.8	42.8	10.93	10.95	10.71
Preserved fruits and vegetables	501.55	485.39	491.62	43.2	41.7	43.2	11.61	11.64	11.38
Bakery products	474.77	477.95	466.88	39.4	39.5	39.6	12.05	12.10	11.79
Beverages	429.08	441.42	454.53	41.1	42.0	42.4	10.44	10.51	10.72
Apparel and other textile products	288.75	290.67	292.04	37.5	37.7	39.2	7.70	7.71	7.45
Paper and allied products	493.34	491.77	484.96	43.2	43.1	43.3	11.42	11.41	11.20
Misc. converted paper products	433.58	443.89	433.00	42.3	42.6	43.3	10.25	10.42	10.00
Paperboard containers and boxes	426.54	419.92	428.26	41.9	41.7	41.7	10.18	10.07	10.27
Printing and publishing	455.88	449.26	445.61	39.3	39.1	39.4	11.60	11.49	11.31
Newspapers	384.31	372.52	370.33	34.1	33.5	34.1	11.27	11.12	10.86
Commercial printing	451.58	443.19	449.49	40.5	40.4	40.9	11.15	10.97	10.99
Chemicals and allied products	589.78	574.14	549.05	42.8	42.0	42.3	13.78	13.67	12.98
Industrial inorganic chemicals	602.62	593.14	589.95	43.7	43.2	43.7	13.79	13.73	13.50
Rubber and misc. plastics products	451.96	447.72	434.84	42.2	42.0	42.3	10.71	10.66	10.28
Tires and inner tubes	731.93	712.40	681.82	47.1	46.2	46.1	15.54	15.42	14.79
Miscellaneous plastics products	431.39	429.11	413.55	41.6	41.5	41.9	10.37	10.34	9.87

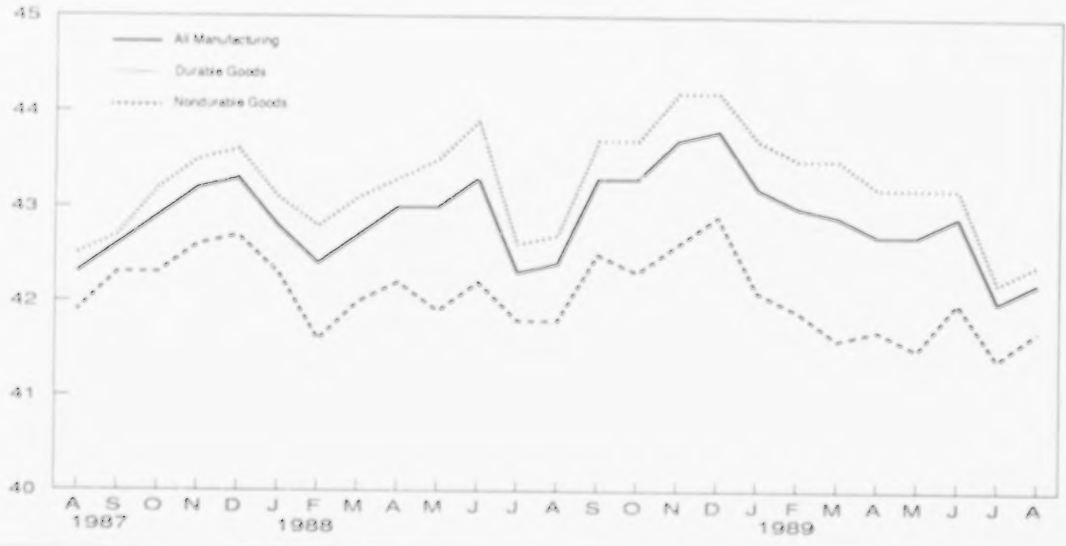
See footnotes on page 13.

Hours and Earnings of Production or Nonsupervisory Workers[a]

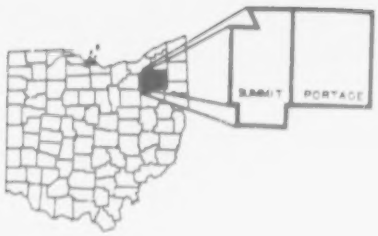
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]
Mining	$597.64	$549.13	$551.15	44.6	44.9	43.5	$13.40	$12.23	$12.67
Bituminous coal and lignite mining	721.31	686.38	672.78	43.4	42.5	42.5	16.62	16.15	15.83
Construction	624.11	615.46	596.69	40.5	40.2	39.7	15.41	15.31	15.03
Transportation and Public Utilities	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	596.57	599.46	582.91	41.4	41.6	41.4	14.41	14.41	14.08
Communication	579.92	576.80	567.85	41.1	41.2	41.0	14.11	14.00	13.85
Electric, gas, and sanitary services	614.66	625.61	600.85	41.7	42.1	41.9	14.74	14.86	14.34
Wholesale Trade	406.50	407.15	391.95	39.2	39.3	39.0	10.37	10.36	10.05
Wholesale trade-durable goods	395.85	396.87	385.53	39.0	39.1	39.1	10.15	10.15	9.86
Wholesale trade-nondurable goods	424.63	424.51	403.39	39.5	39.6	38.9	10.75	10.72	10.37
Retail Trade[h]	176.35	176.64	168.48	29.1	29.1	29.2	6.06	6.07	5.77
General merchandise stores	184.49	187.87	178.18	29.1	29.4	28.6	6.34	6.39	6.23
Department stores	188.34	192.05	183.74	29.2	29.5	28.8	6.45	6.51	6.38
Finance, Insurance, and Real Estate	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	270.80	271.05	267.91	.....	.....	.....	.....	.....	.....
Credit agencies other than banks	280.01	279.71	276.60	.....	.....	.....	.....	.....	.....
Insurance carriers	392.16	388.79	372.50	.....	.....	.....	.....	.....	.....
Services	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health services	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	351.95	355.45	339.99	32.2	32.7	33.3	10.93	10.87	10.21

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Average Weekly Hours of Production Workers in Ohio Manufacturing Industries

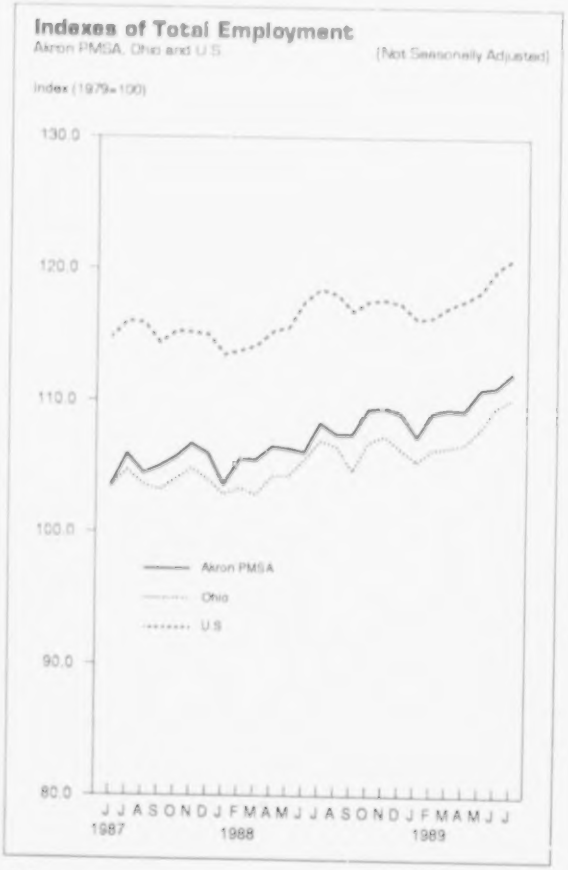


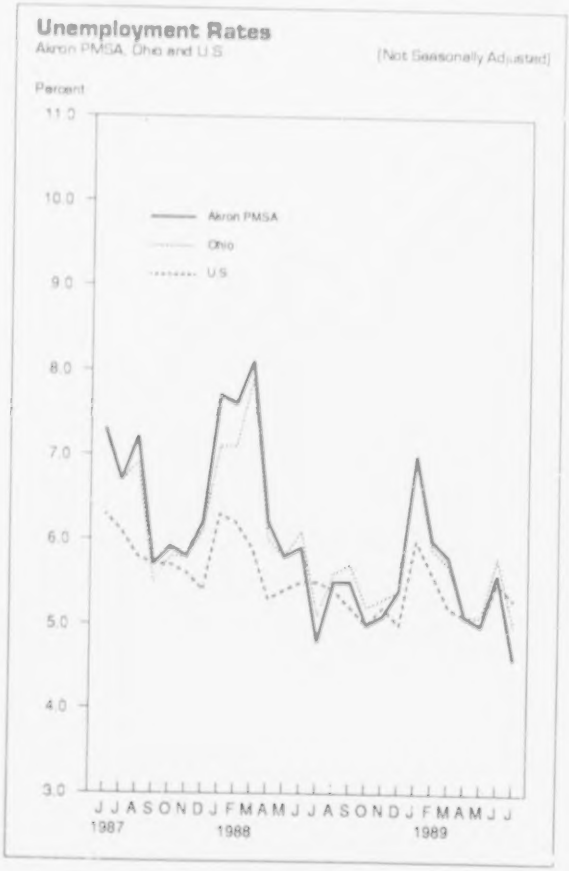
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



Nonfarm wage and salary employment in the Akron metropolitan area totaled 279,200 in August 1989, increasing 600 above the July level. More business in retail trade and construction outweighed additional layoffs of nonteaching personnel in state schools and colleges. Manufacturing employment, at 66,300, remained unchanged from last month. Improvements in fabricated metal products, nonelectrical machinery, and chemicals and allied products offset losses in rubber and miscellaneous plastics products. Factory production workers averaged $11.37 per hour, up $.08 from July. Their average workweek of 42.5 hours was .7 hours longer.

Nonagricultural payroll employment advanced 10,200 between August 1988 and August 1989. Noteworthy expansion occurred in services, especially business services, retail trade, and construction. The manufacturing workforce gained 1,500 jobs over the year due to significant expansion in fabricated metal products and scattered growth among producers of nondurable goods.





Akron PMSA Labor Force and Employment Data

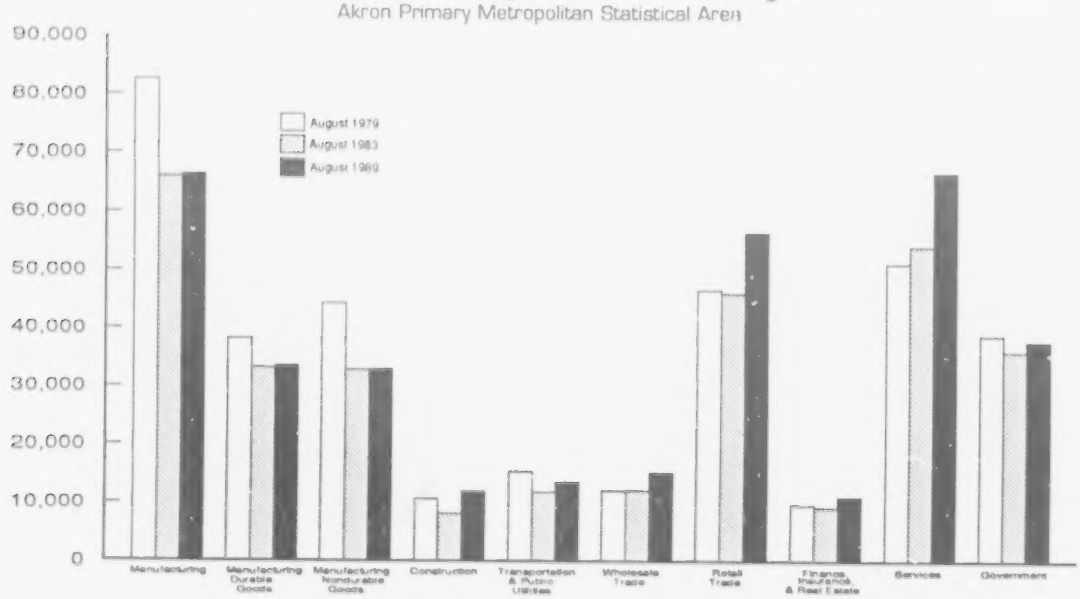
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	$304.14	42.3	$ 7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	23.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
320.4	294.8	25.6	8.0	1986	260.7	67.2	36.4	484.70	43.2	11.22
320.3	297.5	22.7	7.1	1987	265.1	66.4	36.5	487.03	43.1	11.30
325.3	305.6	19.7	6.0	1988	271.9	65.8	37.5	496.37	43.2	11.49
				1988						
324.5	309.1	15.5	4.8	July	270.6	66.0	37.7	493.93	43.1	11.46
324.7	306.7	17.9	5.5	August	269.0	64.8	36.5	480.53	42.6	11.28
324.8	306.9	17.9	5.5	September	276.8	65.4	37.3	489.89	43.2	11.34
328.7	312.2	16.5	5.0	October	277.2	65.4	37.5	488.78	42.8	11.42
329.3	312.4	16.9	5.1	November	281.7	67.0	39.2	496.78	42.9	11.58
329.3	311.3	17.9	5.4	December	279.7	66.6	39.0	493.06	43.1	11.44
				1989						
329.4	306.2	23.2	7.0	January	268.3	66.8	39.1	489.77	42.7	11.47
331.3	311.4	19.3	6.0	February	273.8	66.3	38.9	483.36	42.4	11.40
331.2	312.1	19.1	5.8	March	276.6	66.1	38.7	488.49	42.7	11.44
328.6	311.8	16.7	5.1	April	279.0	66.1	38.9	485.18	42.3	11.47
333.1	316.5	16.6	5.0	May	283.1	66.0	38.8	488.62	42.6	11.47
335.7	317.0	18.7	5.6	June	279.7	66.2	38.9	477.14	42.3	11.28
335.5	320.2	15.3	4.6	July	278.6	66.3	38.8	471.92	41.8	11.29
INA	INA	INA	INA	August	279.2	66.3	38.6	483.23	42.5	11.37

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Akron Primary Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1989[b]	July 1989[c]	August 1988[c]	From Last Month	From Last Year
Total	279.2	278.6	269.0	.6	10.2
Manufacturing	66.3	66.3	64.8	.0	1.5
Durable Goods[e]	33.5	33.4	32.6	.1	.9
Fabricated metal products	10.7	10.5	9.6	.1	1.0
Machinery, except electrical	9.7	9.6	9.6	.1	.1
Metalworking machinery	3.5	3.5	3.4	.0	.1
Nondurable Goods[f]	32.9	32.9	32.3	-.1	.6
Food and kindred products	3.0	3.0	3.0	.0	.0
Chemicals and allied products	3.6	3.6	3.6	.1	.0
Rubber and misc. plastics products	19.4	19.5	19.2	-.1	.2
Tires and inner tubes	10.1	10.1	10.5	.0	-.4
Nonmanufacturing[g]	212.9	212.3	204.2	.6	8.7
Construction	11.9	11.5	10.8	.3	1.0
Transportation and Public Utilities	13.5	13.3	13.1	.1	.4
Communication, electric, gas services	4.8	4.8	4.9	.0	-.1
Wholesale Trade	15.1	15.1	14.5	.0	.6
Retail Trade	56.4	56.0	53.7	.4	2.7
General merchandise stores	6.6	6.5	6.4	.1	.1
Finance, Insurance, and Real Estate	11.0	10.9	10.8	.1	.2
Banking	3.2	3.2	3.1	.0	.1
Services	66.7	66.7	63.2	.0	3.5
Business services	15.0	14.8	13.4	.2	1.6
Amusement and recreation services	4.8	4.9	4.1	-.1	.7
Health services	20.5	20.6	20.3	.0	.3
Government	37.6	38.0	37.4	-.4	.3
State government	10.9	11.2	10.6	-.3	.2
State government education[h]	7.8	8.1	7.5	-.3	.3
State government, except education	3.0	3.0	3.1	.0	-.1
Local government	24.2	24.3	24.3	.0	-.1
Local government education	12.3	12.2	12.5	.0	-.2
Local government, except education	11.9	12.0	11.8	-.1	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Akron PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]
Manufacturing	$483.23	$471.92	$480.53	42.5	41.8	42.6	$11.37	$11.29	$11.28
Durable Goods[e]	492.26	478.82	470.91	42.4	41.6	41.6	11.61	11.51	11.32
Fabricated metal products	597.80	555.90	581.02	43.1	40.4	41.8	13.87	13.76	13.90
Machinery, except electrical	463.76	465.70	443.56	44.0	44.1	43.7	10.54	10.56	10.15
Metalworking machinery	494.61	489.72	455.88	44.6	44.0	43.5	11.09	11.13	10.48
Nondurable Goods[f]	471.16	465.04	493.00	42.6	42.2	43.9	11.06	11.02	11.23
Food and kindred products	403.32	408.62	455.60	42.1	42.3	42.5	9.58	9.66	10.72
Chemicals and allied products	529.70	484.70	522.97	43.1	40.8	43.8	12.29	11.88	11.94
Rubber and misc. plastics products	500.79	491.99	515.04	44.2	43.5	45.1	11.33	11.31	11.42
Tires and inner tubes	871.63	871.63	827.31	52.1	52.1	51.1	16.73	16.73	16.19
Transportation and Public Utilities									
Communication, electric, gas services	603.20	601.12	582.33	41.6	41.6	41.3	14.50	14.45	14.10
Wholesale Trade	363.53	366.15	354.52	37.4	37.4	37.2	9.72	9.79	9.53
Retail Trade[h]	212.23	213.86	200.26	32.5	32.7	32.3	6.53	6.54	6.20

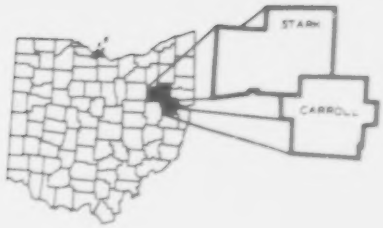
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Akron PMSA

	August 1989	July 1989	August 1988
Employment Service Program			
New Applicants	2,320	1,275	2,170
Active File of Job Seekers	15,764	14,878	16,667
Referrals to Jobs	1,078	577	1,535
Placements	342	337	488
Job Openings Received	2,892	2,107	712
Job Openings Unfilled	1,684	1,501	2,439
Unemployment Insurance Program			
Initial Claims	2,264	3,084	2,261
Continued Claims	19,702	17,690	19,526
First Payments	1,353	970	1,179
Last Payments	427	384	299
Weeks Compensated	16,163	13,693	15,431
Benefits Paid	$2,417,806	$2,255,929	$2,292,632
Average Weekly Payment	$156.76	$157.89	$152.31

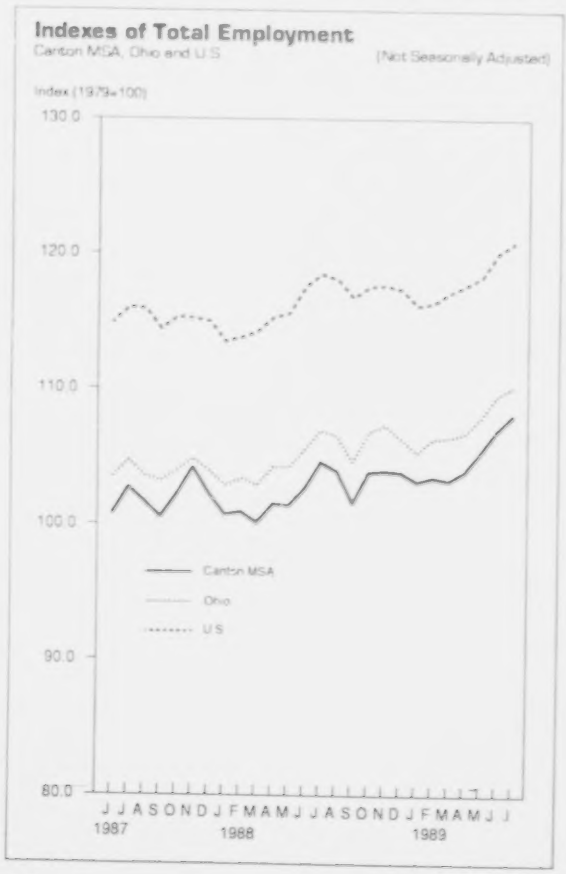
CANTON
METROPOLITAN STATISTICAL AREA

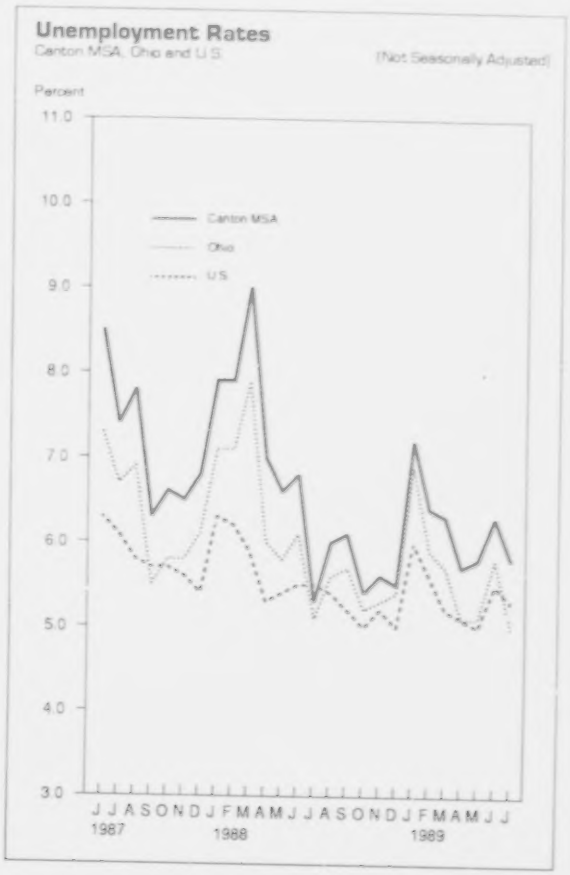


Note: Canton metropolitan area statistics are no longer funded and validated by the U.S. Bureau of Labor Statistics.

In the Canton metropolitan area, total nonfarm payroll employment was 165,300 in August 1989, up 100 from the July level. Growth in primary metal industries raised manufacturing employment 200 to 45,500. Nonmanufacturing employment remained unchanged from last month. Modest gains in retail trade and transportation and public utilities offset declines in local government and construction. Factory production worker average hourly earnings of $11.86 were $.13 higher than July. Their average workweek of 42.1 hours was 1.0 hours longer.

Nonagricultural wage and salary employment advanced 5,600 between August 1988 and August 1989. Leading growth industries were services and retail trade. Moderate improvements also occurred in construction and transportation and public utilities. The manufacturing sector added 900 jobs over the year. Growth in primary metal industries and food and kindred products overshadowed reductions in fabricated metal products and rubber and miscellaneous plastics products.





Canton MSA Labor Force and Employment Data

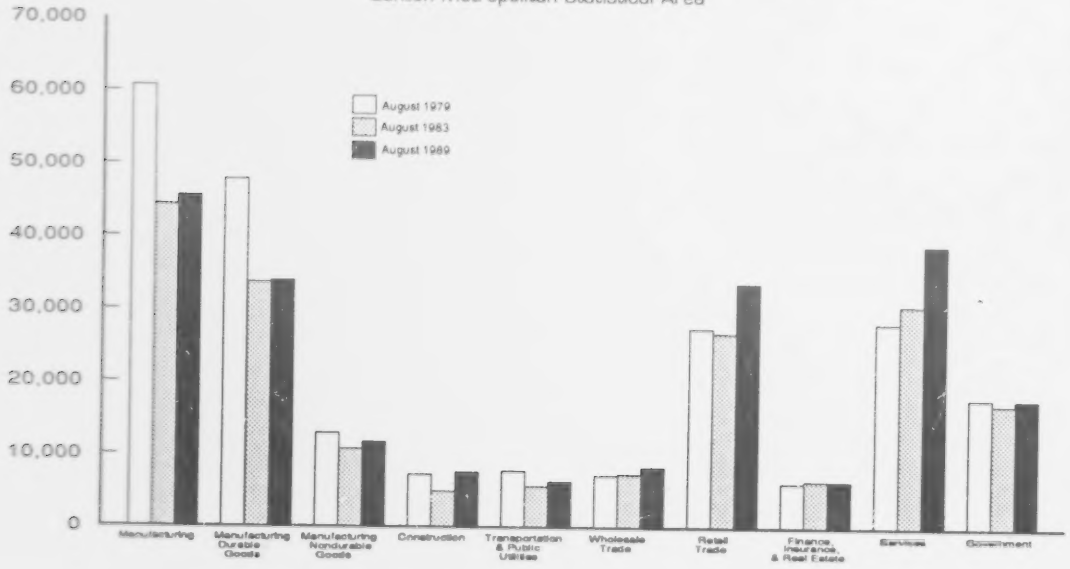
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	$ 304.67	40.3	$ 7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	149.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21
190.4	174.7	15.7	8.2	1987	156.4	44.0	31.2	475.15	41.9	11.34
190.5	178.0	12.6	6.6	1988	159.5	44.9	32.1	489.49	42.9	11.41
				1988						
191.9	181.7	10.2	5.3	July	160.6	45.2	32.3	475.88	42.3	11.25
192.3	180.6	11.6	6.0	August	159.7	44.7	31.8	474.47	42.1	11.27
188.0	176.5	11.5	6.1	September	160.9	45.1	32.2	487.34	42.6	11.44
190.9	180.5	10.3	5.4	October	162.2	45.3	32.4	493.78	42.9	11.51
191.4	180.7	10.7	5.6	November	163.6	45.4	32.7	490.78	42.9	11.44
191.0	180.5	10.4	5.5	December	163.0	45.7	33.0	499.23	43.0	11.61
				1989						
193.0	179.2	13.9	7.2	January	160.0	46.0	33.2	500.39	43.1	11.61
192.1	179.7	12.3	6.4	February	159.1	45.3	32.5	491.90	42.7	11.52
191.5	179.4	12.1	6.3	March	160.0	45.2	32.4	497.03	42.3	11.75
191.7	180.7	11.0	5.7	April	162.7	45.5	32.7	496.27	42.2	11.76
194.6	183.3	11.3	5.8	May	165.0	45.8	32.9	497.20	42.1	11.81
198.4	185.9	12.4	6.3	June	165.7	45.9	32.9	500.49	42.2	11.86
199.5	187.9	11.7	5.8	July	165.2	45.4	32.5	482.1	41.1	11.73
INA	INA	INA	INA	August	165.3	45.5	32.6	499.31	42.1	11.86

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Canton Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1989[b]	July 1989[c]	August 1988[c]	From Last Month	From Last Year
Total	165.3	165.2	159.7	.1	5.6
Manufacturing	45.5	45.4	44.7	.2	.9
Durable Goods[e]	33.9	33.6	32.9	.3	1.0
Primary metal industries	11.5	11.3	11.0	.3	.5
Fabricated metal products	6.5	6.5	6.7	.0	-.2
Metal forgings and stampings	2.3	2.3	2.2	.0	.1
Nondurable Goods[f]	11.7	11.8	11.8	-.1	-.1
Food and kindred products	3.4	3.4	3.3	.0	.1
Rubber and misc. plastics products	2.8	2.8	2.9	.0	-.1
Nonmanufacturing[g]	119.8	119.8	115.1	.0	4.7
Construction	7.5	7.6	6.9	-.1	.7
Transportation and Public Utilities	6.2	6.2	5.9	.1	.4
Communication, electric, gas services	2.7	2.7	2.8	.0	.0
Wholesale Trade	8.2	8.2	8.0	.0	.2
Wholesale trade-durable goods	4.5	4.5	4.4	.0	.0
Retail Trade	33.6	33.3	32.1	.3	1.5
General merchandise stores	4.0	4.0	3.9	.0	.1
Food stores	5.7	5.7	5.5	.0	.3
Finance, Insurance, and Real Estate	6.4	6.4	6.5	.0	-.1
Banking	1.9	1.8	1.9	.0	.0
Services	39.0	39.0	37.2	.0	1.8
Health services	15.5	15.5	15.2	.0	.2
Government	17.7	18.2	17.7	-.4	.1
State government (includes education)	1.7	1.7	1.7	.0	.0
Local government	14.7	15.2	14.5	-.4	.2
Local government education	8.2	8.4	8.2	-.2	.0
Local government, except education	6.5	6.7	6.3	-.2	.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

Canton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]
Manufacturing	$499.31	$482.10	$474.47	42.1	41.1	42.1	$11.86	$11.73	$11.27
Durable Goods[e]	531.05	512.44	496.72	43.0	41.9	42.6	12.35	12.23	11.66
Primary metal industries	606.13	586.92	576.83	44.7	43.8	45.1	13.56	13.40	12.79
Fabricated metal products	471.62	478.36	432.28	39.9	40.3	40.4	11.82	11.87	10.70
Metal forgings and stampings	546.45	566.09	558.09	39.8	41.2	40.5	13.73	13.74	13.78
Nondurable Goods[f]	398.90	387.93	407.22	39.3	38.6	40.6	10.15	10.05	10.03
Food and kindred products	392.57	399.53	411.95	37.0	37.2	38.5	10.61	10.74	10.70
Rubber and misc. plastics products	402.55	385.52	410.00	41.5	40.2	41.0	9.70	9.59	10.00
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	592.04	585.48	575.98	41.2	41.0	41.2	14.37	14.28	13.98
Wholesale Trade	381.09	378.00	372.59	38.3	37.8	37.0	9.95	10.00	10.07
Retail Trade[h]	165.59	167.03	160.60	28.6	28.7	29.2	5.79	5.82	5.50

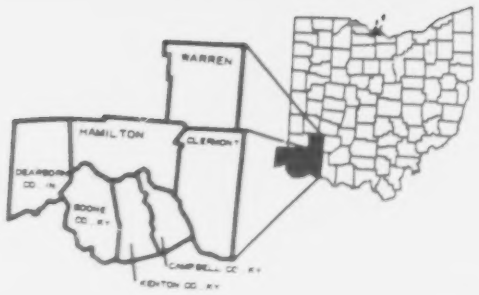
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [I]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Canton MSA

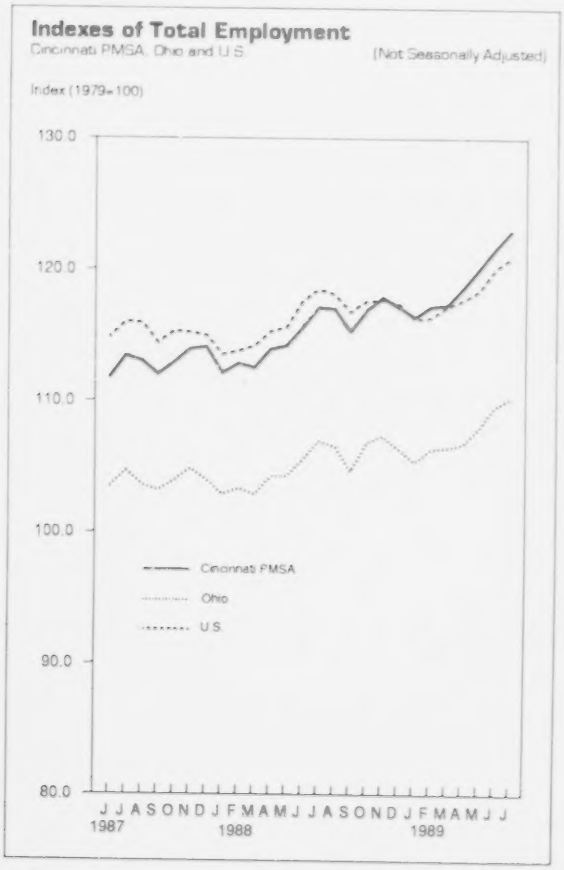
	August 1989	July 1989	August 1988
Employment Service Program			
New Applicants	1,232	734	2,182
Active File of Job Seekers	10,760	10,667	13,221
Referrals to Jobs	626	427	1,711
Placements	137	65	385
Job Openings Received	852	448	1,254
Job Openings Unfilled	447	349	2,627
Unemployment Insurance Program			
Initial Claims	2,062	2,881	1,717
Continued Claims	13,940	13,450	12,614
First Payments	961	970	740
Last Payments	229	211	209
Weeks Compensated	12,045	10,208	9,501
Benefits Paid	$1,795,342	$1,522,318	$1,301,311
Average Weekly Payment	$159.65	$159.86	$141.37

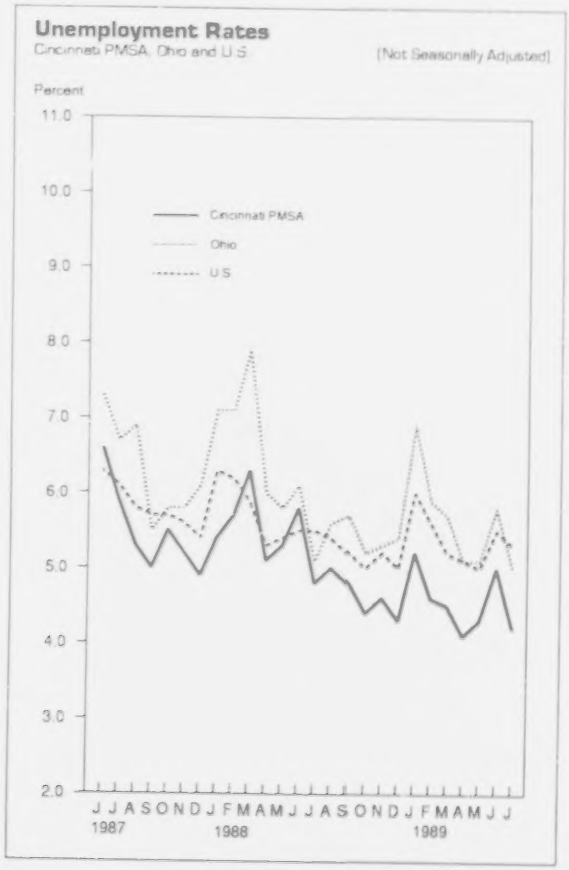
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural payroll employment in the Cincinnati metropolitan area rose 3,000 from July to 736,800 in August 1989. More business in retail trade, services, construction, and transportation and public utilities raised nonmanufacturing employment 2,000. Scattered growth among producers of nondurable goods and the return of workers from vacation shutdowns in transportation equipment increased manufacturing employment 1,100 over the month to 148,500. Factory production workers averaged $11.60 per hour, up $.20 from July. Their average workweek was 1.1 hours longer, at 43.3 hours.

Total nonfarm wage and salary employment advanced 31,700 between August 1988 and August 1989. Leading growth sectors were services, especially business and health services, and retail trade. Significant expansion also occurred in construction, transportation and public utilities, and wholesale trade. Manufacturing employment increased 3,300 during the period. Noteworthy gains were recorded in nonelectrical machinery, food and kindred products, and rubber and miscellaneous plastics products. Employment in transportation equipment declined.



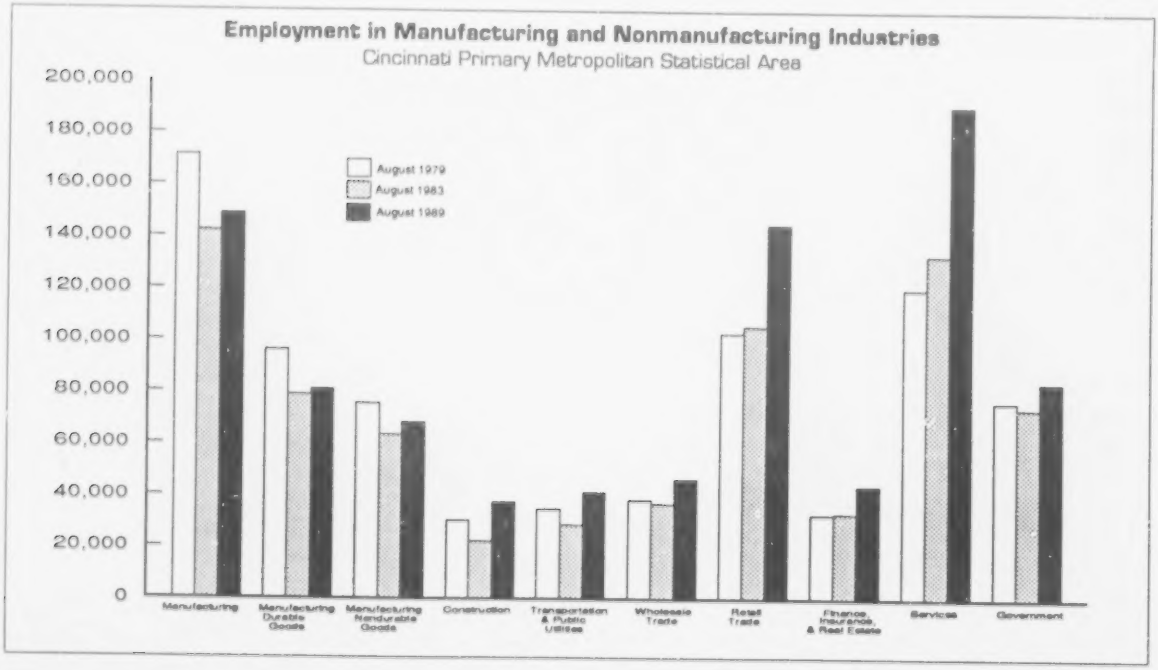


Cincinnati PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	$286.70	42.1	$ 6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.3	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.2	700.2	44.0	5.9	1987	677.7	146.0	93.4	467.57	42.7	10.95
762.7	723.7	39.0	5.1	1988	700.2	144.5	91.7	473.88	42.5	11.15
				1988						
772.6	735.8	36.8	4.8	July	701.8	144.3	91.5	461.76	41.6	11.10
773.7	735.0	38.7	5.0	August	705.1	145.3	92.2	476.15	42.4	11.23
760.7	724.2	36.5	4.8	September	711.9	145.8	92.7	483.75	43.0	11.25
768.5	734.3	34.2	4.4	October	712.4	145.3	92.0	484.18	43.0	11.26
776.3	740.8	35.5	4.6	November	720.5	146.3	92.6	487.46	43.1	11.31
768.8	736.1	32.7	4.3	December	718.6	146.6	92.6	492.86	43.5	11.33
				1989						
771.2	730.9	40.3	5.2	January	703.5	145.4	91.8	487.92	42.8	11.40
771.5	736.3	35.3	4.6	February	704.3	145.1	91.7	493.21	43.0	11.47
772.0	736.9	35.1	4.5	March	711.1	145.1	91.6	487.05	42.5	11.46
776.6	744.9	31.7	4.1	April	722.3	145.8	91.9	491.34	42.8	11.48
788.8	754.5	34.3	4.3	May	730.7	146.5	92.4	483.65	42.5	11.38
803.5	763.7	39.8	5.0	June	734.8	147.4	92.9	496.08	43.1	11.51
806.9	772.7	34.2	4.2	July	733.8	147.5	92.7	481.08	42.2	11.40
INA	INA	INA	INA	August	736.8	148.5	93.8	502.28	43.3	11.60

INA – information not available



Nonagricultural Wage and Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1989[b]	July 1989[c]	August 1988[c]	From Last Month	From Last Year
Total	736.8	733.8	705.1	3.0	31.7
Manufacturing	148.5	147.5	145.3	1.1	3.3
Durable Goods[e]	80.5	80.2	79.0	.4	1.6
Fabricated metal products	10.8	10.8	10.7	-.1	.1
Fabricated structural metal products	3.7	3.7	3.8	.0	-.1
Machinery, except electrical	21.5	21.8	20.8	-.3	.6
Metalworking machinery	8.9	8.9	8.8	-.1	.1
General industrial machinery	3.0	3.1	3.0	-.1	.0
Electric and electronic equipment	9.0	9.0	8.7	.0	.3
Transportation equipment	24.0	23.4	24.3	.6	-.3
Motor vehicles and equipment	4.9	4.5	5.0	.4	.0
Nondurable Goods[f]	68.0	67.3	66.3	.7	1.7
Food and kindred products	13.4	13.3	12.9	.2	.6
Beverages	3.5	3.5	3.6	.0	-.1
Apparel and other textile products	3.6	3.5	3.4	.1	.3
Paper and allied products	6.2	6.2	6.0	.0	.3
Printing and publishing	13.5	13.4	13.2	.1	.3
Commercial printing	6.3	6.2	6.0	.0	.3
Chemicals and allied products	22.8	22.9	22.7	-.1	.1
Rubber and misc. plastics products	6.3	6.0	5.9	.2	.4
Nonmanufacturing[g]	588.3	586.3	559.8	2.0	28.4
Construction	37.4	36.9	33.8	.5	3.5
Transportation and Public Utilities	41.2	40.8	38.2	.4	2.9
Trucking and warehousing	11.9	11.7	10.8	.2	1.1
Communication, electric, gas services	16.2	16.1	15.6	.1	.6
Wholesale Trade	46.2	46.2	44.6	.0	1.7
Wholesale trade-durable goods	27.1	27.1	26.5	.0	.6
Retail Trade	144.8	143.9	136.6	.9	8.2
General merchandise stores	20.4	20.3	20.0	.1	.4
Finance, Insurance, and Real Estate	43.9	43.9	42.8	.0	1.0
Banking	9.6	9.6	9.2	.0	.4
Insurance carriers	14.4	14.5	14.5	.0	-.1
Services	190.7	190.1	181.0	.6	9.7
Hotels and other lodging places	8.3	8.2	7.9	.1	.4
Personal services	9.6	9.5	8.9	.1	.7
Business services	48.6	47.8	43.8	.8	4.8
Amusement and recreation services	12.4	12.7	12.7	-.3	-.3
Health services	55.7	55.6	54.5	.1	1.2
Hospitals	26.6	26.6	26.0	.0	.5
Government	83.6	84.0	82.4	-.4	1.2
Federal government	15.2	15.2	15.0	.0	.2
State government	19.3	19.0	18.6	.3	.7
State government education[h]	11.0	10.8	10.7	.3	.3
State government, except education	8.3	8.3	7.9	.0	.4
Local government	49.1	49.7	48.8	-.7	.3
Local government education	24.6	25.0	25.3	-.4	-.8
Local government, except education	24.5	24.8	23.4	-.3	1.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]
Manufacturing	$502.28	$481.08	$476.15	43.3	42.2	42.4	$11.60	$11.40	$11.23
Durable Goods[e]	486.49	462.04	470.30	42.9	41.7	42.6	11.34	11.08	11.04
Fabricated metal products	426.54	408.66	425.70	42.4	41.7	42.4	10.06	9.80	10.04
Fabricated structural metal products	464.38	473.24	483.06	43.4	43.9	45.4	10.70	10.78	10.64
Machinery, except electrical	437.22	431.18	429.25	42.0	41.7	42.5	10.41	10.34	10.10
Metalworking machinery	484.09	487.26	492.62	43.3	43.7	44.5	11.18	11.15	11.07
General industrial machinery	434.08	421.06	390.82	41.9	40.8	41.4	10.36	10.32	9.44
Electric and electronic equipment	367.11	363.29	338.05	40.7	40.5	39.4	9.02	8.97	8.58
Transportation equipment	774.32	701.96	701.24	47.1	43.6	45.3	16.44	16.10	15.48
Motor vehicles and equipment	904.24	700.04	845.23	50.8	40.7	49.4	17.80	17.20	17.11
Nondurable Goods[f]	516.22	498.85	482.22	43.6	42.6	42.3	11.84	11.71	11.40
Food and kindred products	524.21	511.69	511.69	44.2	43.4	43.4	11.86	11.79	11.79
Beverages	535.92	527.90	522.08	42.0	41.6	41.8	12.76	12.69	12.49
Apparel and other textile products	236.96	235.32	215.87	37.2	37.0	36.9	6.37	6.36	5.85
Paper and allied products	461.17	478.49	439.78	43.1	44.1	43.2	10.70	10.85	10.18
Printing and publishing	476.83	467.31	462.92	41.0	40.6	40.5	11.63	11.51	11.43
Commercial printing	499.36	487.90	510.40	42.9	42.5	44.0	11.64	11.48	11.60
Chemicals and allied products	648.57	600.74	579.31	45.9	43.5	43.2	14.13	13.81	13.41
Rubber and misc. plastics products	431.36	413.60	398.61	44.7	43.4	43.0	9.65	9.53	9.27
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	600.29	589.35	575.87	41.6	41.3	41.4	14.43	14.27	13.91
Wholesale Trade	418.14	414.80	410.66	40.4	40.0	40.7	10.35	10.37	10.09
Retail Trade[h]	174.05	173.46	169.02	29.6	29.5	29.6	5.88	5.88	5.71
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Banking	262.76	267.73	262.51	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

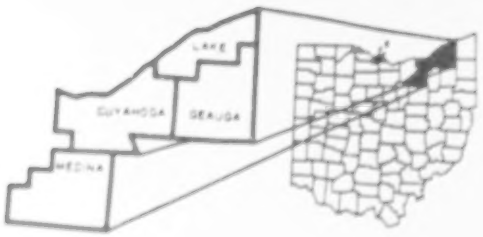
Selected Administrative Program Activities[a]

Cincinnati PMSA

	August 1989	July 1989	August 1988
Employment Service Program			
New Applicants	3,510	2,072	3,216
Active File of Job Seekers	20,248	17,382	21,714
Referrals to Jobs	2,046	1,255	2,236
Placements	464	364	333
Job Openings Received	2,754	1,743	1,655
Job Openings Unfilled	1,911	1,554	2,857
Unemployment Insurance Program			
Initial Claims	3,057	4,085	3,492
Continued Claims	30,544	28,757	35,651
First Payments	1,587	1,565	1,886
Last Payments	579	684	723
Weeks Compensated	25,364	23,946	26,963
Benefits Paid	$3,788,722	$3,659,187	$4,004,749
Average Weekly Payment	$153.61	$157.04	$150.47

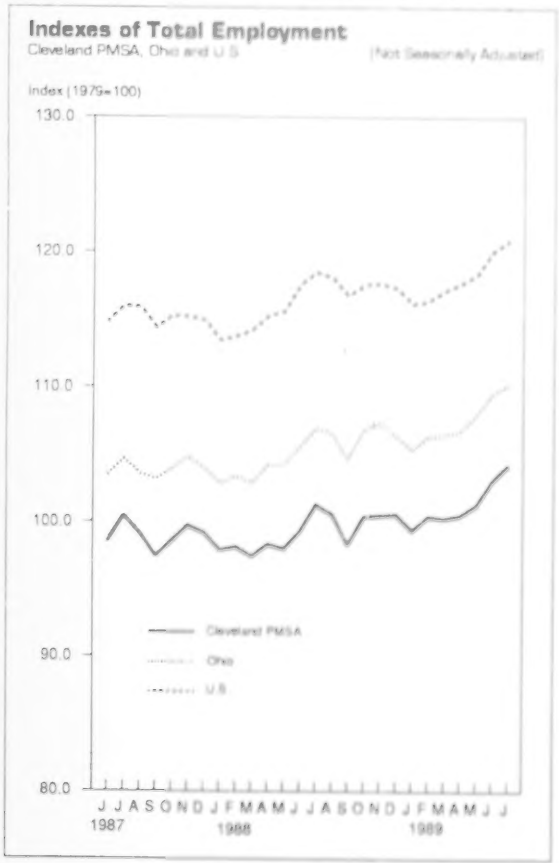
[a] Ohio data only

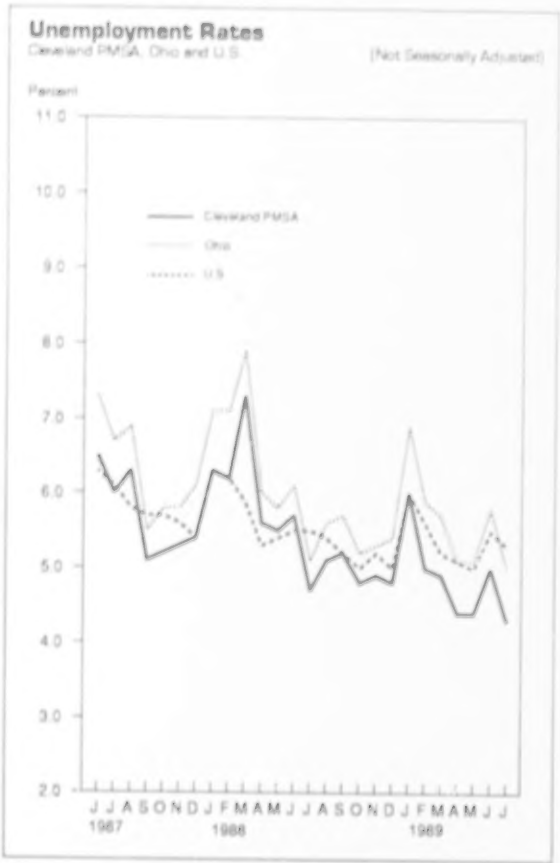
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



Nonfarm payroll employment in the Cleveland metropolitan area declined 2,500 from July to 931,100 in August 1989. Additional layoffs of nonteaching personnel in local schools and colleges lowered nonmanufacturing employment 3,600. Manufacturing employment increased 1,100 over the month to 203,800. Modest gains in transportation equipment, food and kindred products, and chemicals and allied products overshadowed reductions in fabricated metal products and instruments and related products. Factory production workers averaged $11.88 per hour, up $.11 from July. Their average workweek of 42.5 hours was .7 hours longer.

Nonagricultural wage and salary employment advanced 23,700 between August 1988 and August 1989. The leading growth industry was services (+11,100) with notable gains in business and health services. Significant expansion was also recorded in retail trade, finance, insurance, and real estate, wholesale trade, and construction. The manufacturing sector added 2,900 workers during the period. Moderate improvements occurred in nonelectrical machinery, primary metal industries, food and kindred products, chemicals and allied products, and fabricated metal products. Employment in transportation equipment and rubber and miscellaneous plastics products declined.





Cleveland PMSA Labor Force and Employment Data

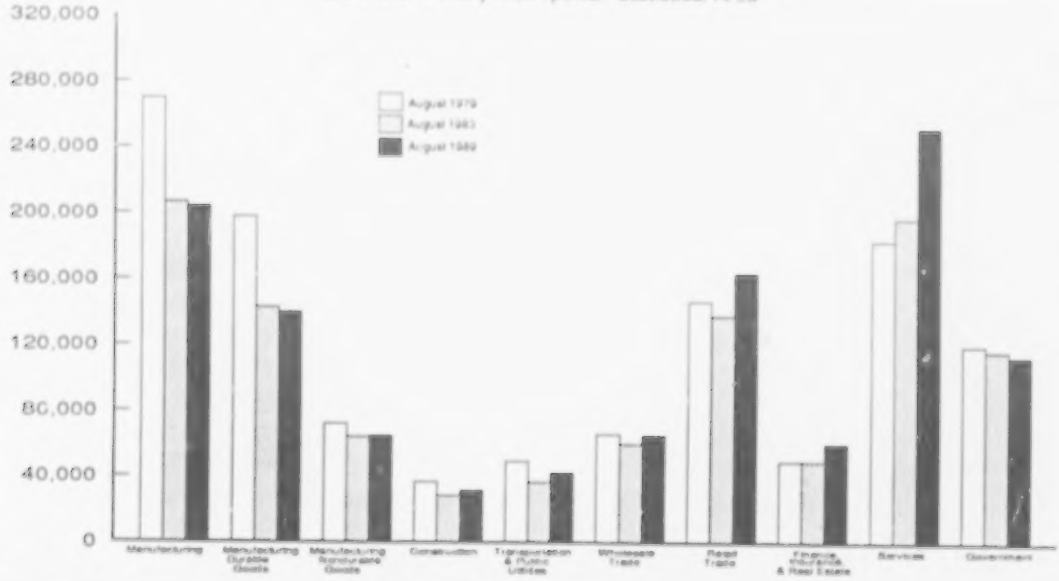
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	$321.75	42.9	$ 7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
927.0	869.0	58.0	6.3	1987	891.6	200.6	128.3	496.35	42.9	11.57
933.7	882.3	51.4	5.5	1988	904.6	201.7	130.1	512.67	43.3	11.84
				1988						
945.7	901.1	44.6	4.7	July	911.2	200.8	128.7	499.16	42.7	11.69
943.0	894.6	48.5	5.1	August	907.4	200.9	128.9	503.43	42.7	11.79
921.6	873.7	47.9	5.2	September	911.4	202.8	130.9	514.51	43.2	11.91
937.2	892.3	45.0	4.8	October	917.1	203.7	131.8	517.76	43.4	11.93
939.4	893.8	45.6	4.9	November	926.2	204.5	133.0	528.12	43.9	12.03
939.6	894.4	45.2	4.8	December	924.5	205.4	133.7	538.25	44.3	12.15
				1989						
940.3	883.9	56.4	6.0	January	902.1	204.4	132.7	527.90	43.7	12.08
939.7	892.4	47.3	5.0	February	902.8	204.7	132.5	520.60	43.4	12.00
938.3	892.2	46.1	4.9	March	909.3	204.9	132.7	522.44	43.5	12.01
934.6	893.2	41.4	4.4	April	917.2	204.9	132.6	519.17	43.3	11.99
942.2	900.4	41.8	4.4	May	926.9	204.8	131.9	514.71	43.0	11.97
964.9	916.3	48.6	5.0	June	934.5	205.0	131.7	517.44	43.3	11.95
968.6	927.3	41.3	4.3	July	933.6	202.7	129.6	491.99	41.8	11.77
INA	INA	INA	INA	August	931.1	203.8	130.4	504.90	42.5	11.88

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Cleveland Primary Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1989[b]	July 1989[c]	August 1988[c]	From Last Month	From Last Year
Total	931.1	933.6	907.4	-2.5	23.7
Manufacturing	203.8	202.7	200.9	1.1	2.9
Durable Goods[e]	139.3	138.9	137.5	.5	1.8
Primary metal industries	21.6	21.5	21.1	.1	.6
Iron and steel foundries	4.3	4.5	4.4	-.2	-.1
Fabricated metal products	32.2	32.4	31.8	-.2	.4
Fabricated structural metal products	4.1	4.1	3.8	.0	.3
Screw machine products, bolts, etc.	4.9	4.9	4.8	.0	.0
Metal forgings and stampings	10.5	10.6	10.6	-.1	-.1
Machinery, except electrical	30.7	30.6	29.8	.1	.8
Construction and related machinery	2.6	2.6	2.6	.0	.1
Metalworking machinery	10.5	10.4	9.9	.0	.5
Special industry machinery	2.7	2.6	2.7	.1	.0
General industrial machinery	3.3	3.3	3.1	.0	.2
Electric and electronic equipment	17.9	17.9	18.0	.0	-.1
Electrical industrial apparatus	6.7	6.7	6.5	.0	.2
Transportation equipment	18.8	18.3	19.3	.5	-.5
Motor vehicles and equipment	11.9	11.4	12.1	.5	-.2
Instruments and related products	6.4	6.5	6.4	-.1	.0
Measuring and controlling devices	4.5	4.5	4.3	.0	.1
Nondurable Goods[f]	64.5	63.9	63.4	.7	1.1
Food and kindred products	6.4	6.1	6.0	.3	.5
Apparel and other textile products	3.4	3.4	3.5	.0	-.1
Paper and allied products	5.9	5.8	6.0	.1	-.1
Printing and publishing	16.3	16.2	16.0	.1	.3
Chemicals and allied products	15.5	15.4	15.1	.2	.5
Rubber and misc. plastics products	11.2	11.3	11.4	.0	-.2
Nonmanufacturing[g]	727.2	730.9	706.5	-3.6	20.8
Construction	31.3	31.0	30.2	.3	1.1
Transportation and Public Utilities	41.9	41.7	41.8	.2	.1
Trucking and warehousing	12.6	12.4	12.2	.2	.3
Communication, electric, gas services	17.3	17.3	17.7	.0	-.4
Wholesale Trade	64.7	64.7	63.3	.0	1.4
Wholesale trade-durable goods	44.9	44.9	44.0	.1	.9
Retail Trade	163.5	163.3	158.6	.2	4.9
General merchandise stores	20.6	20.6	19.9	-.1	.7
Finance, Insurance, and Real Estate	59.7	59.6	58.0	.1	1.7
Banking	14.6	14.6	14.5	.0	.1
Credit agencies other than banks	9.0	9.1	8.9	-.1	.1
Insurance carriers	14.7	14.7	14.1	.1	.6
Services	252.0	252.0	240.9	.0	11.1
Business services	59.4	59.3	55.7	.0	3.7
Amusement and recreation services	9.8	9.7	9.5	.1	.3
Health services	79.6	79.6	77.3	.0	2.4
Hospitals	44.5	44.4	43.7	.0	.8
Government	113.1	117.5	112.6	-4.5	.4
Federal government	20.6	20.7	20.9	-.1	-.3
State government	7.7	7.9	7.9	-.2	-.2
State government education	2.4	2.6	2.6	-.2	-.2
State government, except education	5.3	5.3	5.3	.0	.0
Local government	84.8	89.0	83.9	-4.2	.9
Local government education	37.3	41.1	37.6	-3.8	-.3
Local government, except education	47.5	47.9	46.3	-.4	1.2

Hours and Earnings of Production or Nonsupervisory Workers[a]

Cleveland PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]	Aug. 1989[b]	Jul. 1989[c]	Aug. 1988[c]
Manufacturing	$504.90	$491.99	$503.43	42.5	41.8	42.7	$11.88	$11.77	$11.79
Durable Goods[e]	528.10	516.86	541.88	42.9	42.4	43.7	12.31	12.19	12.40
Primary metal industries	519.59	543.31	586.74	42.8	44.1	46.2	12.14	12.32	12.70
Iron and steel foundries	767.60	774.98	887.54	45.1	45.4	50.4	17.02	17.07	17.61
Fabricated metal products	524.78	496.34	536.92	42.7	41.5	43.3	12.29	11.96	12.40
Fabricated structural metal products	440.66	417.63	391.82	42.7	42.1	39.9	10.32	9.92	9.82
Screw machine products, bolts, etc.	523.58	518.23	533.57	43.2	42.9	44.8	12.12	12.08	11.91
Metal forgings and stampings	650.69	588.35	691.38	43.7	41.0	46.0	14.89	14.35	15.03
Machinery, except electrical	510.18	505.90	489.10	42.8	42.8	42.2	11.92	11.82	11.59
Construction and related machinery	417.25	426.36	397.11	43.6	44.0	43.4	9.57	9.69	9.15
Metalworking machinery	504.14	498.37	453.47	43.2	43.0	41.3	11.67	11.59	10.98
Special industry machinery	484.72	468.63	463.08	41.5	41.0	40.8	11.68	11.43	11.35
General industrial machinery	497.21	485.78	488.17	42.9	42.8	43.9	11.59	11.35	11.12
Electric and electronic equipment	454.16	447.53	449.36	41.1	40.5	41.0	11.05	11.05	10.96
Electrical industrial apparatus	517.88	510.62	524.21	42.8	42.2	44.5	12.10	12.10	11.78
Transportation equipment	708.05	684.78	747.65	44.7	43.7	47.2	15.84	15.67	15.84
Motor vehicles and equipment	799.26	768.39	835.50	46.2	44.7	48.1	17.30	17.19	17.37
Instruments and related products	422.77	420.84	400.82	41.9	42.0	40.9	10.09	10.02	9.80
Measuring and controlling devices	475.00	461.60	447.88	43.9	43.1	42.9	10.82	10.71	10.44
Nondurable Goods[f]	444.80	431.07	411.46	41.3	40.4	40.3	10.77	10.67	10.21
Food and kindred products	458.22	428.13	409.94	42.0	39.9	41.2	10.91	10.73	9.95
Apparel and other textile products	315.06	332.84	318.01	35.6	36.9	38.5	8.85	9.02	8.26
Paper and allied products	457.97	452.79	463.80	41.9	41.2	41.3	10.93	10.99	11.23
Printing and publishing	428.85	411.34	374.53	38.6	37.6	35.3	11.11	10.94	10.61
Chemicals and allied products	548.81	539.95	499.79	43.8	43.3	42.9	12.53	12.47	11.65
Rubber and misc. plastics products	385.28	367.33	387.47	43.0	41.6	43.1	8.96	8.83	8.99
Transportation and Public Utilities	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	624.25	638.06	612.79	41.7	42.2	41.8	14.97	15.12	14.66
Wholesale Trade	441.78	439.77	418.65	39.2	39.3	38.8	11.27	11.19	10.79
Retail Trade[h]	187.21	189.68	188.47	27.9	28.1	28.6	6.71	6.75	6.59
Finance, Insurance, and Real Estate	.....	.....	.....	....	....	....	.....	.....	.....
Banking	305.39	306.76	302.51	....	....	....	.....	.....	.....
Services	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	351.29	350.06	343.04	30.6	30.6	32.0	11.48	11.44	10.72

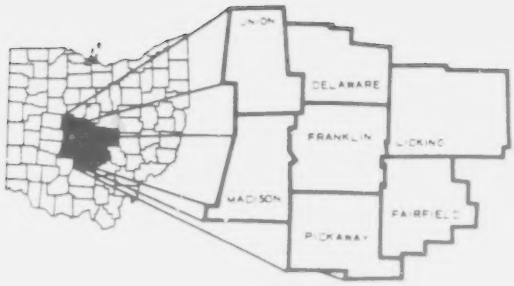
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Cleveland PMSA

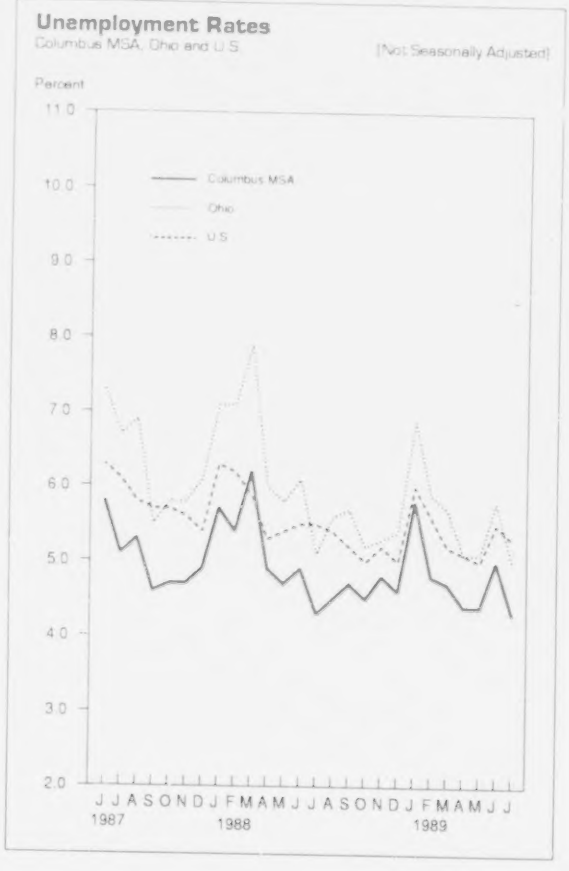
	August 1989	July 1989	August 1988
Employment Service Program			
New Applicants	5,155	2,927	4,908
Active File of Job Seekers	52,176	47,519	55,837
Referrals to Jobs	2,502	1,325	2,804
Placements	838	237	902
Job Openings Received	3,786	2,052	1,890
Job Openings Unfilled	3,191	3,624	4,549
Unemployment Insurance Program			
Initial Claims	5,401	6,385	5,055
Continued Claims	48,375	44,621	51,630
First Payments	2,873	2,426	3,195
Last Payments	878	835	943
Weeks Compensated	39,194	34,244	40,639
Benefits Paid	$6,097,840	$5,320,096	$6,053,107
Average Weekly Payment	$160.39	$160.15	$151.57

COLUMBUS METROPOLITAN STATISTICAL AREA



In the Columbus metropolitan area, nonfarm payroll employment totaled 701,800 in August 1989, increasing 2,700 above the July level. More business in retail trade and construction accounted for the improvement. Manufacturing employment remained unchanged from July, at 103,200. Declines in nonelectrical machinery and printing and publishing negated increases in fabricated metal products and stone, clay, and glass products. Factory production workers averaged $12.00 per hour, down fractionally from last month. Their average workweek of 41.6 hours was .3 hours longer.

Nonagricultural wage and salary employment advanced 25,100 between August 1988 and August 1989. Services, particularly business and health services, retail trade, and construction provided 75.3 percent of the improvement. Noteworthy gains were also registered in wholesale trade, finance, insurance, and real estate, government, and transportation and public utilities. Manufacturing employment rose 400 over the year with modest growth in transportation equipment, printing and publishing, fabricated metal products, and instruments and related products.



Columbus MSA Labor Force and Employment Data

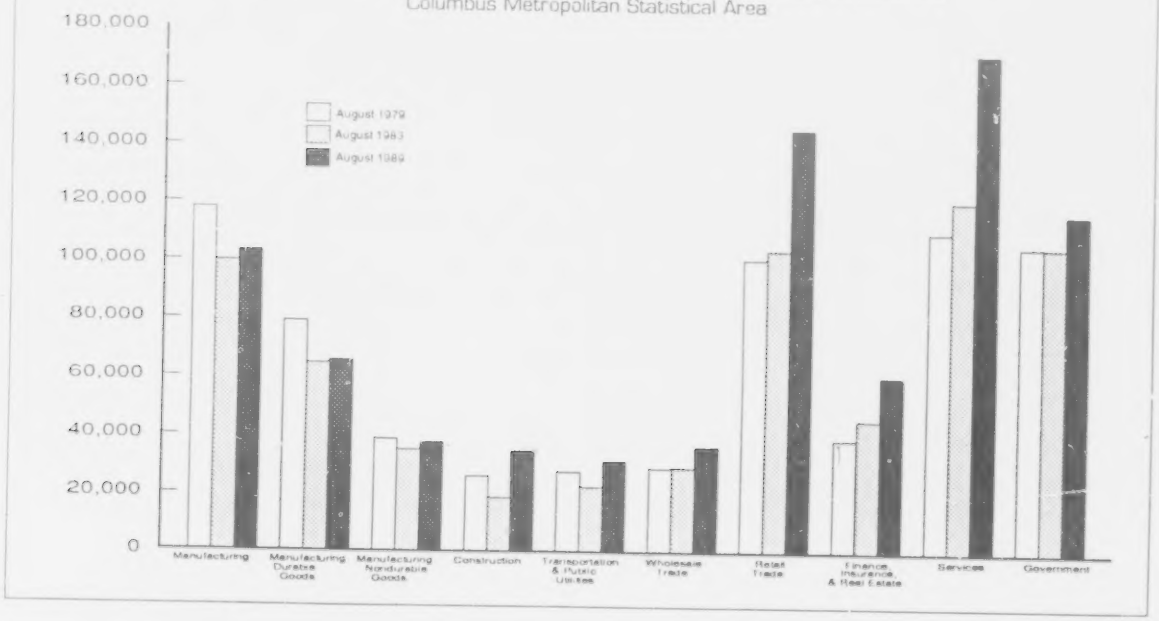
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22
694.9	657.2	37.7	5.4	1987	658.0	103.9	68.7	473.52	41.5	11.41
711.5	676.5	35.0	4.9	1988	678.1	102.6	67.9	480.16	41.5	11.57
				1988						
713.7	683.2	30.5	4.3	July	675.0	102.4	67.7	475.45	41.2	11.54
715.4	683.1	32.3	4.5	August	676.7	102.8	68.2	471.65	40.8	11.56
703.2	670.4	32.8	4.7	September	683.6	103.9	68.9	481.48	41.4	11.63
720.8	688.5	32.3	4.5	October	691.7	103.9	69.0	486.22	41.7	11.66
725.5	691.0	34.5	4.8	November	700.0	104.1	69.1	489.39	41.9	11.68
723.8	690.6	33.2	4.6	December	698.6	104.0	68.8	492.74	41.9	11.76
				1989						
724.3	682.6	41.7	5.8	January	681.7	103.2	68.1	486.38	41.5	11.72
725.3	690.5	34.8	4.8	February	683.4	103.2	67.8	491.78	41.5	11.85
724.7	690.3	34.4	4.7	March	688.2	103.0	67.8	493.44	41.5	11.89
722.6	691.0	31.6	4.4	April	695.8	102.9	67.7	494.68	41.5	11.92
729.9	697.7	32.2	4.4	May	701.8	102.9	67.6	492.75	41.2	11.96
745.7	708.2	37.6	5.0	June	705.7	103.1	67.6	491.56	41.1	11.96
742.4	710.4	32.0	4.3	July	699.2	103.2	67.5	496.43	41.3	12.02
INA	INA	INA	INA	August	701.8	103.2	67.6	499.2	41.6	12.00

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Columbus Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1989[b]	July 1989[c]	August 1988[c]	From Last Month	From Last Year
Total	701.8	699.2	676.7	2.7	25.1
Manufacturing	103.2	103.2	102.8	.0	.4
Durable Goods[e]	65.7	65.6	65.1	.1	.6
Stone, clay, and glass products	10.0	9.9	10.1	.1	-.1
Glass and glassware, pressed or blown	3.2	3.1	3.2	.0	.0
Fabricated metal products	9.2	9.0	9.0	.2	.2
Fabricated structural metal products	2.5	2.5	2.5	.0	.0
Machinery, except electrical	9.4	9.7	9.7	-.3	-.2
Electric and electronic equipment	10.7	10.7	10.6	.0	.0
Transportation equipment	13.4	13.3	12.9	.0	.5
Instruments and related products	4.4	4.4	4.1	.0	.2
Nondurable Goods[f]	37.5	37.6	37.7	-.1	-.2
Food and kindred products	10.3	10.3	10.4	.0	.0
Printing and publishing	10.7	10.8	10.4	-.1	.3
Chemicals and allied products	6.9	6.8	6.9	.0	.0
Rubber and misc. plastics products	5.4	5.4	5.5	.0	-.1
Nonmanufacturing[g]	598.6	596.0	573.9	2.7	24.7
Construction	34.6	33.9	31.2	.7	3.4
Transportation and Public Utilities	31.3	30.9	30.0	.4	1.3
Trucking and warehousing	13.5	13.1	12.5	.3	1.0
Communication, electric, gas services	11.8	11.8	12.1	.0	-.3
Wholesale Trade	36.4	36.4	34.8	-.1	1.5
Wholesale trade-durable goods	23.3	23.4	22.5	-.1	.8
Retail Trade	145.8	144.5	139.4	1.3	6.4
General merchandise stores	20.2	19.8	20.3	.4	.0
Finance, Insurance, and Real Estate	60.7	60.4	59.2	.3	1.5
Banking	12.0	11.9	11.6	.1	.4
Insurance carriers	23.9	23.8	23.4	.1	.5
Services	172.0	171.6	162.9	.4	9.1
Business services	42.0	41.5	38.3	.5	3.7
Health services	43.3	43.2	41.7	.1	1.7
Hospitals	19.9	19.8	19.1	.1	.7
Government	117.0	117.3	115.5	-.3	1.5
Federal government	15.3	15.2	15.2	.1	.1
State government	50.9	51.2	50.3	-.2	.7
State government education[f]	18.0	18.1	18.6	.0	-.5
State government, except education	32.9	33.1	31.7	-.2	1.2
Local government	50.7	50.9	50.0	-.2	.7
Local government education	28.1	28.3	27.9	-.1	.2
Local government, except education	22.6	22.7	22.1	-.1	.5

Hours and Earnings of Production or Nonsupervisory Workers[a]

Columbus MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]
Manufacturing	$499.20	$496.43	$471.65	41.6	41.3	40.8	$12.00	$12.02	$11.56
Durable Goods[e]	503.78	503.01	477.41	41.6	41.4	40.7	12.11	12.15	11.73
Stone, clay, and glass products	535.34	538.01	475.59	44.5	44.5	40.1	12.03	12.09	11.86
Glass and glassware, pressed or blown	451.44	457.87	425.23	41.8	41.7	39.3	10.80	10.98	10.82
Fabricated metal products	491.04	513.30	508.00	39.6	40.9	41.1	12.40	12.55	12.36
Fabricated structural metal products	449.52	457.37	481.98	40.1	40.8	43.5	11.21	11.21	11.08
Machinery, except electrical	479.09	481.92	447.26	42.7	42.2	41.8	11.22	11.42	10.70
Electric and electronic equipment	479.23	457.41	448.40	41.1	39.5	40.0	11.66	11.58	11.21
Transportation equipment	589.22	594.03	565.24	41.7	42.1	40.9	14.13	14.11	13.82
Instruments and related products	422.40	416.99	405.34	40.0	39.6	38.9	10.56	10.53	10.42
Nondurable Goods[f]	490.05	483.75	461.85	41.6	41.1	41.2	11.78	11.77	11.21
Food and kindred products	451.02	454.26	456.20	41.8	42.1	41.7	10.79	10.79	10.94
Printing and publishing	589.99	575.24	548.06	40.3	39.4	39.6	14.64	14.60	13.84
Chemicals and allied products	593.61	585.31	533.95	42.1	41.6	41.2	14.10	14.07	12.96
Rubber and misc. plastics products	381.55	373.50	360.71	42.3	41.5	41.7	9.02	9.00	8.65
Transportation and Public Utilities									
Communication, electric, gas services	601.95	598.02	601.68	41.6	41.5	41.9	14.47	14.41	14.36
Wholesale Trade	363.43	362.70	344.66	37.7	37.9	37.1	9.64	9.57	9.29
Retail Trade[h]	191.03	189.90	184.93	28.9	28.6	29.4	6.61	6.64	6.29
Finance, Insurance, and Real Estate									
Banking	273.18	274.37	267.29						
Services									
Health services									
Hospitals	385.17	378.40	345.69	34.7	34.4	34.5	11.10	11.00	10.02

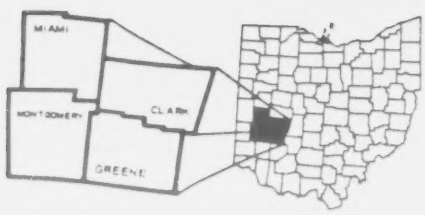
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Columbus MSA

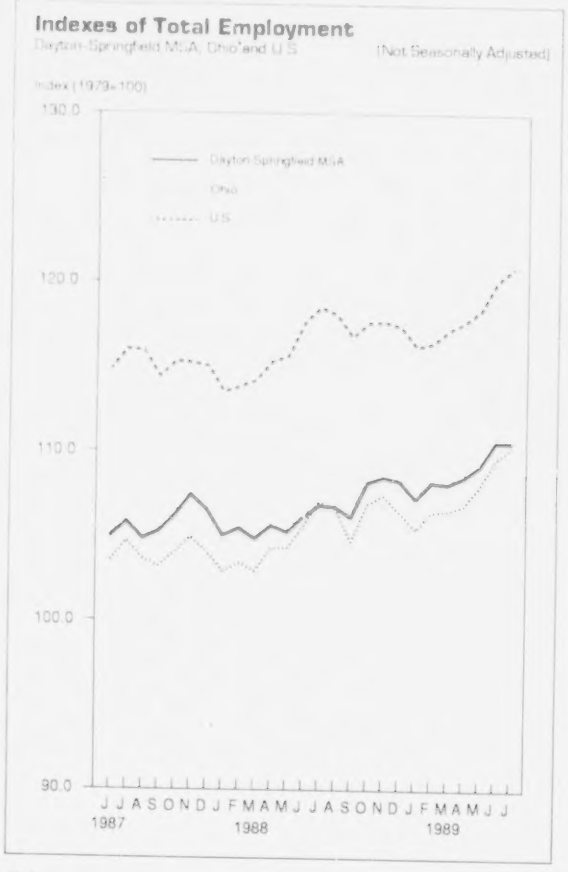
	August 1989	July 1989	August 1988
Employment Service Program			
New Applicants	6,133	3,768	5,224
Active File of Job Seekers	31,350	26,073	28,669
Referrals to Jobs	2,829	1,417	3,926
Placements	1,126	604	1,227
Job Openings Received	5,352	3,351	2,182
Job Openings Unfilled	3,593	3,532	2,671
Unemployment Insurance Program			
Initial Claims	4,259	4,580	4,212
Continued Claims	33,174	31,152	31,363
First Payments	2,028	1,960	2,188
Last Payments	764	643	649
Weeks Compensated	27,484	24,574	24,538
Benefits Paid	$4,250,232	$3,829,962	$3,647,944
Average Weekly Payment	$163.19	$164.14	$151.62

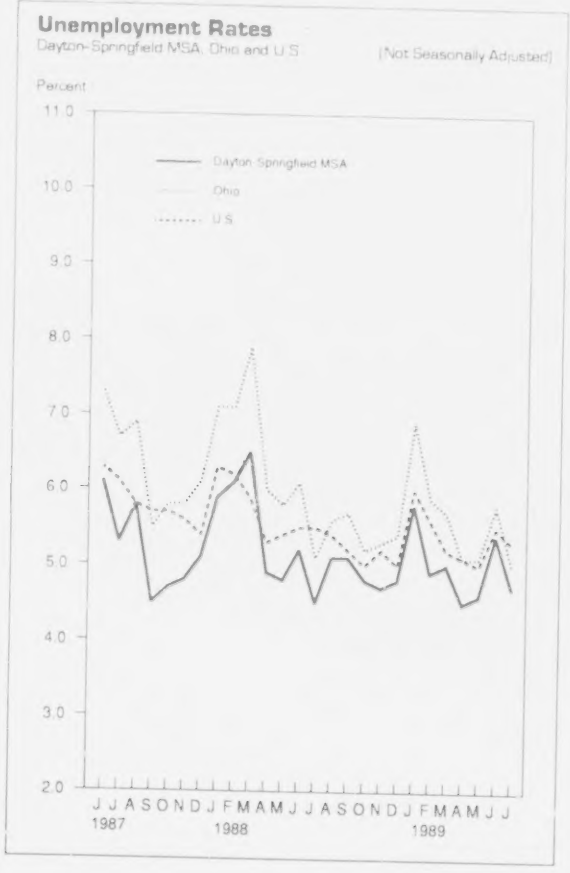
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural payroll employment in the Dayton-Springfield metropolitan area totaled 447,900 in August 1989, increasing 700 above the July level. More business in services, construction, and retail trade outweighed additional layoffs of nonteaching personnel in state and local schools and colleges. Manufacturing employment increased 300 over the month to 104,200. The return of workers from a temporary shutdown in transportation equipment and scattered gains among producers of nondurable goods more than offset reductions in nonelectrical machinery. Factory production workers averaged $12.69 per hour, down $.05 from July. Their average workweek of 42.0 hours was .4 hours shorter.

Total nonfarm wage and salary employment advanced 15,300 between August 1988 and August 1989. The improvement was concentrated in the nonmanufacturing sector. Primary growth industries were services, especially business and health services, federal and local government, construction, and retail trade. Declines in rubber and miscellaneous plastics products, nonelectrical machinery, paper and allied products, and printing and publishing lowered the manufacturing workforce 100. Employment in electric and electronic equipment increased.





Dayton-Springfield MSA Labor Force and Employment Data

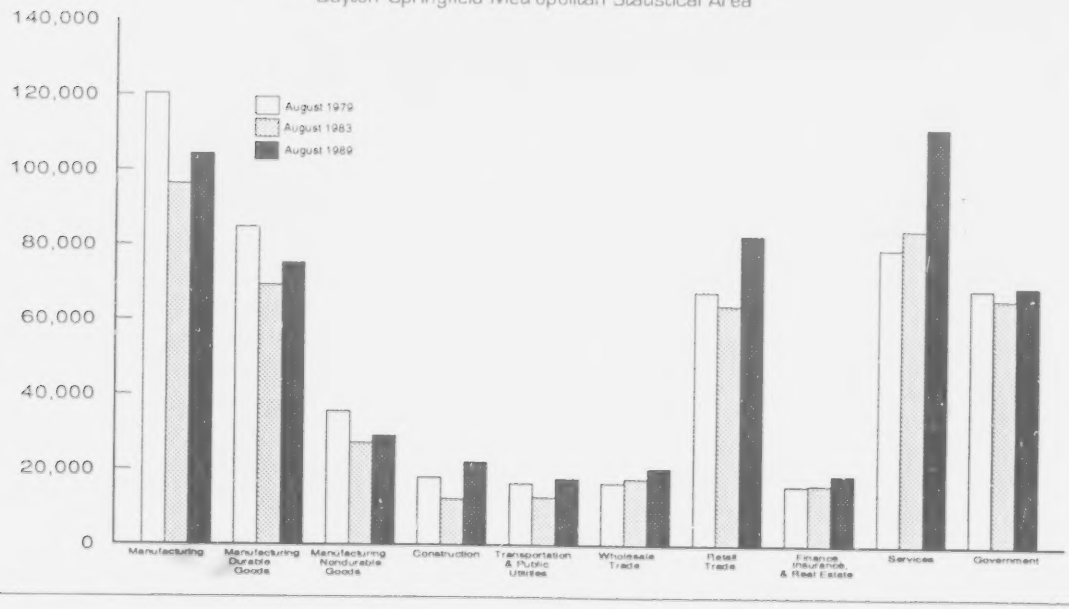
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
463.8	437.7	26.2	5.6	1987	429.8	104.3	67.1	499.38	42.0	11.89
469.0	444.6	24.4	5.2	1988	436.7	104.5	67.2	546.41	43.4	12.59
				1988						
467.4	446.5	20.8	4.5	July	432.3	104.8	67.2	525.34	42.4	12.39
469.6	445.8	23.8	5.1	August	432.6	104.3	66.6	522.44	42.2	12.38
467.3	443.3	24.0	5.1	September	442.8	105.4	68.1	552.41	43.6	12.67
474.9	452.1	22.8	4.8	October	445.0	104.8	67.7	573.69	44.3	12.95
475.8	453.5	22.3	4.7	November	450.3	105.3	68.2	580.69	44.6	13.02
475.2	452.5	22.7	4.8	December	448.2	105.5	68.3	574.98	44.4	12.95
				1989						
475.4	447.9	27.5	5.8	January	438.2	104.9	67.7	576.83	44.1	13.08
475.7	452.3	23.4	4.9	February	438.6	104.7	67.5	565.93	43.6	12.98
475.7	451.9	23.8	5.0	March	441.3	104.9	67.6	563.77	43.3	13.02
475.2	453.7	21.5	4.5	April	447.4	104.8	67.6	555.13	43.1	12.88
478.6	456.4	22.2	4.6	May	449.7	104.6	67.3	555.56	43.1	12.89
489.0	462.5	26.5	5.4	June	451.3	105.0	67.5	554.70	43.1	12.87
485.1	462.5	22.6	4.7	July	447.2	103.8	65.9	540.18	42.4	12.74
INA	INA	INA	INA	August	447.9	104.2	66.1	532.98	42.0	12.69

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Dayton-Springfield Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1989[b]	July 1989[c]	August 1988[c]	From Last Month	From Last Year
Total	447.9	447.2	432.6	.7	15.3
Manufacturing	104.2	103.8	104.3	.3	-.1
Durable Goods[e]	75.1	75.0	74.7	.1	.4
Fabricated metal products	8.5	8.5	8.5	.0	.0
Machinery, except electrical	30.3	30.6	30.4	-.3	-.1
Metalworking machinery	6.7	6.7	6.6	.0	.0
General industrial machinery	2.9	2.9	2.8	.0	.0
Electric and electronic equipment	5.8	5.8	5.7	.0	.1
Electrical industrial apparatus	3.4	3.4	3.2	.0	.1
Transportation equipment	20.4	20.1	20.4	.3	.0
Nondurable Goods[f]	29.1	28.9	29.6	.2	-.5
Food and kindred products	3.0	3.0	3.0	.0	.0
Paper and allied products	5.8	5.9	6.0	.0	-.1
Printing and publishing	8.8	8.7	8.9	.0	-.1
Rubber and misc. plastics products	7.4	7.5	7.8	.0	-.4
Nonmanufacturing[g]	343.7	343.4	328.3	.4	15.5
Construction	22.2	21.7	19.7	.5	2.5
Transportation and Public Utilities	17.7	17.6	17.0	.2	.7
Communication, electric, gas services	5.2	5.2	5.8	.0	-.6
Wholesale Trade	20.5	20.6	19.9	-.1	.6
Wholesale trade-durable goods	13.9	13.9	13.7	.0	.2
Retail Trade	82.9	82.4	80.5	.4	2.3
General merchandise stores	11.8	11.7	11.6	.0	.2
Finance, Insurance, and Real Estate	18.8	18.8	18.4	.0	.4
Banking	4.3	4.3	4.2	.0	.0
Credit agencies other than banks	4.8	4.9	4.8	.0	.0
Insurance carriers	3.2	3.2	3.0	.0	.2
Services	111.9	111.3	106.7	.6	5.2
Business services	28.3	28.2	26.2	.1	2.1
Health services	38.4	38.2	37.1	.2	1.3
Hospitals	19.8	19.7	19.2	.0	.6
Educational services	5.6	5.7	5.7	-.1	.0
Government	69.4	70.5	65.7	-1.1	3.7
Federal government	29.4	29.3	27.2	.1	2.2
State government	6.5	7.4	6.5	-.9	.1
State government education[h]	3.5	4.4	3.5	-.9	.0
State government, except education	3.0	3.0	3.0	.0	.0
Local government	33.4	33.8	32.0	-.3	1.4
Local government education	17.7	18.0	16.9	-.4	.8
Local government, except education	15.8	15.7	15.1	.0	.6

Hours and Earnings of Production or Nonsupervisory Workers[a]

Dayton-Springfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]
Manufacturing	$532.98	$540.18	$522.44	42.0	42.4	42.2	$12.69	$12.74	$12.38
Durable Goods[e]	548.23	552.97	531.68	42.4	42.7	42.5	12.93	12.95	12.51
Fabricated metal products	394.69	411.40	383.46	40.9	42.5	41.1	9.65	9.68	9.33
Machinery, except electrical	588.01	577.80	569.85	43.3	42.8	43.6	13.58	13.50	13.07
Metalworking machinery	584.77	556.86	571.14	45.9	44.8	46.7	12.74	12.43	12.23
General industrial machinery	495.38	487.82	486.86	43.8	43.4	44.1	11.31	11.24	11.04
Electric and electronic equipment	450.70	442.09	444.77	44.1	43.3	44.3	10.22	10.21	10.04
Electrical industrial apparatus	566.84	550.97	524.37	46.5	45.8	46.2	12.19	12.03	11.35
Transportation equipment	677.31	701.46	654.66	42.2	43.3	42.1	16.05	16.20	15.55
Nondurable Goods[f]	487.53	500.53	495.56	40.9	41.4	41.4	11.92	12.09	11.97
Food and kindred products	351.82	356.51	360.80	41.1	41.6	42.1	8.56	8.57	8.57
Paper and allied products	488.25	483.58	458.96	43.4	43.1	41.8	11.25	11.22	10.98
Printing and publishing	465.23	464.47	460.23	39.9	39.8	40.3	11.66	11.67	11.42
Rubber and misc. plastics products	623.69	660.55	662.34	39.3	40.8	42.0	15.87	16.19	15.77
Transportation and Public Utilities									
Communication, electric, gas services	586.30	581.26	554.45	41.7	41.4	40.5	14.06	14.04	13.69
Wholesale Trade	398.00	402.19	405.34	39.8	39.9	39.7	10.00	10.08	10.21
Retail Trade[h]	174.42	176.46	163.31	28.5	28.6	28.6	6.12	6.17	5.71
Services									
Health services									
Hospitals	385.28	382.70	363.24	34.4	34.2	34.3	11.20	11.19	10.59

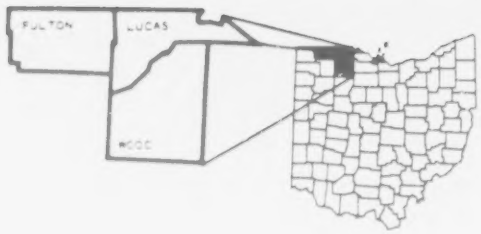
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Dayton-Springfield MSA

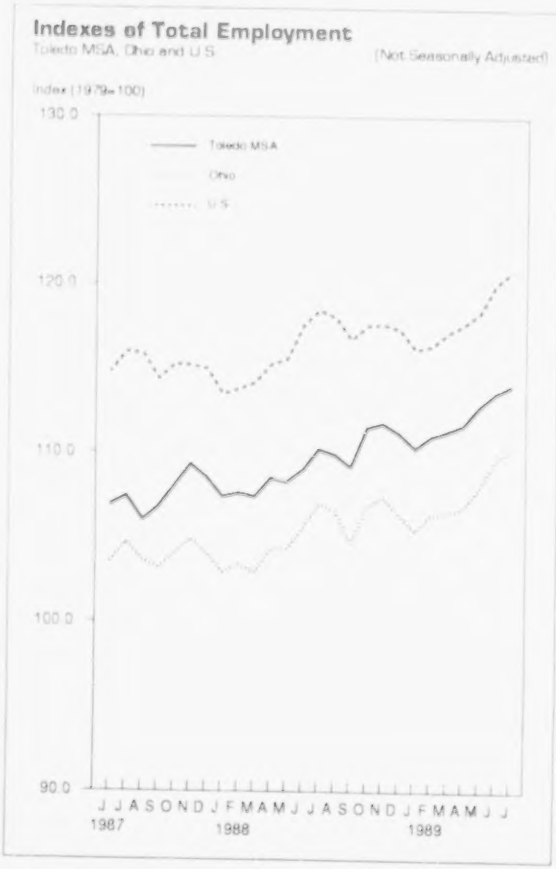
	August 1989	July 1989	August 1988
Employment Service Program			
New Applicants	2,934	1,804	2,757
Active File of Job Seekers	15,940	13,334	14,385
Referrals to Jobs	4,632	1,516	3,183
Placements	3,412	788	1,694
Job Openings Received	7,630	5,668	2,792
Job Openings Unfilled	3,586	3,439	2,488
Unemployment Insurance Program			
Initial Claims	5,698	4,185	4,254
Continued Claims	26,844	21,233	24,736
First Payments	2,100	1,319	1,919
Last Payments	399	439	343
Weeks Compensated	19,692	16,681	18,767
Benefits Paid	$2,960,164	$2,438,621	$2,711,115
Average Weekly Payment	$157.83	$153.19	$147.03

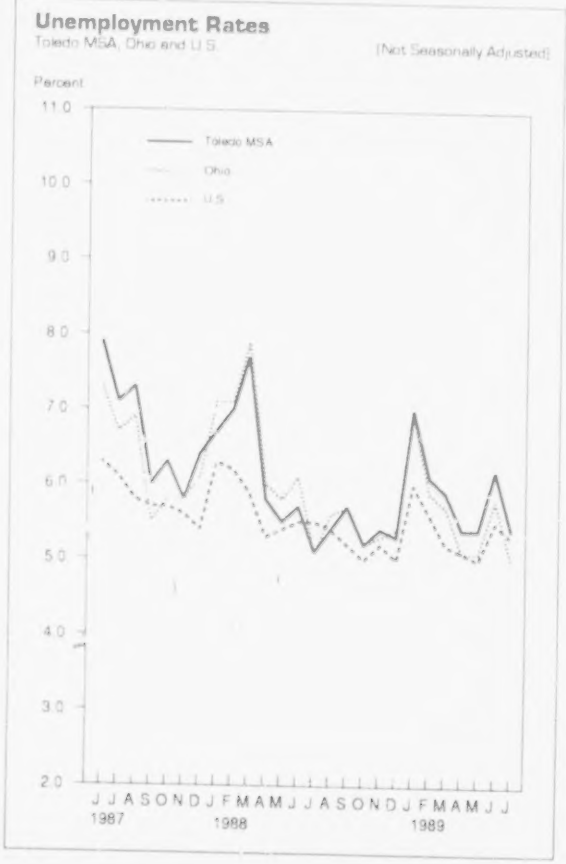
TOLEDO
METROPOLITAN STATISTICAL AREA



Total nonfarm payroll employment in the Toledo metropolitan area increased 600 above the July level to 291,200 in August 1989. More business in transportation equipment and a seasonal increase in food and kindred products helped raise the manufacturing workforce 600 over the month to 61,700. Nonmanufacturing employment was unchanged as additional layoffs of nonteaching personnel in state and local schools and colleges negated modest gains in services, transportation and public utilities, and retail trade. Factory production workers averaged $13.26 per hour, up $.03 from July. Their average workweek was .6 hours longer, at 43.4 hours.

Nonagricultural wage and salary employment advanced 8,400 between August 1988 and August 1989. The leading growth industries were services (+4,000), retail trade (+3,200), and construction (+1,900). Manufacturing employment dropped 1,600 over the year. Although all major divisions declined, noteworthy reductions occurred in fabricated metal products and transportation equipment.





Toledo MSA Labor Force and Employment Data

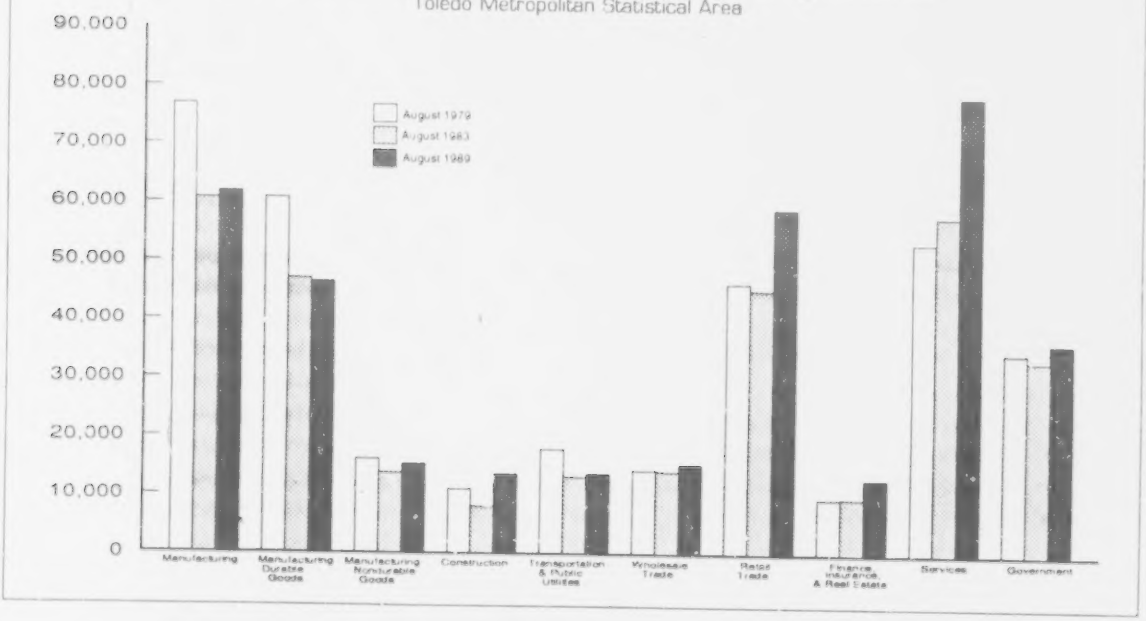
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43
307.6	285.1	22.5	7.3	1987	278.0	62.2	43.7	540.60	42.5	12.72
310.3	292.1	18.2	5.9	1988	284.9	62.5	44.8	569.41	43.4	13.12
				1988						
310.3	294.4	15.8	5.1	July	283.1	63.1	45.2	543.93	42.1	12.92
310.5	293.6	16.9	5.4	August	282.9	63.3	45.5	549.95	42.5	12.94
309.4	291.7	17.7	5.7	September	289.5	63.6	45.8	586.49	44.6	13.15
314.1	297.9	16.2	5.2	October	291.3	62.8	45.0	585.64	44.4	13.19
315.6	298.6	17.0	5.4	November	294.5	62.6	44.9	605.69	45.1	13.43
313.6	297.0	16.6	5.3	December	292.4	62.4	44.6	589.19	44.3	13.30
				1989						
317.1	294.8	22.3	7.0	January	286.6	62.0	44.4	576.39	43.6	13.22
315.9	296.5	19.4	6.1	February	285.7	61.7	44.2	598.53	44.7	13.39
316.0	297.3	18.7	5.9	March	288.5	61.4	43.9	598.09	44.6	13.41
315.3	298.4	16.9	5.4	April	292.4	61.3	43.8	561.56	42.9	13.09
318.7	301.5	17.2	5.4	May	295.2	61.4	43.9	584.75	43.9	13.32
323.3	303.5	19.9	6.2	June	294.1	62.0	44.3	572.83	43.2	13.26
322.2	304.8	17.4	5.4	July	290.7	61.1	43.4	566.24	42.8	13.23
INA	INA	INA	INA	August	291.2	61.7	44.0	575.48	43.4	13.26

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Toledo Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1989[b]	July 1989[c]	August 1988[c]	From Last Month	From Last Year
Total	291.2	290.7	282.9	.6	8.4
Manufacturing	61.7	61.1	63.3	.6	-1.6
Durable Goods[e]	46.4	46.1	47.6	.3	-1.2
Stone, clay, and glass products	7.6	7.5	7.8	.1	-.2
Primary metal industries	3.3	3.3	3.6	.0	-.2
Fabricated metal products	7.0	7.0	7.4	.1	-.4
Metal forgings and stampings	2.8	2.8	3.1	.0	-.3
Machinery, except electrical	5.8	5.8	5.9	.0	-.2
Electric and electronic equipment	2.0	2.1	2.2	-.1	-.1
Transportation equipment	15.6	15.3	15.8	.2	-.3
Motor vehicles and equipment	14.6	14.4	14.9	.2	-.3
Nondurable Goods[f]	15.3	15.0	15.7	.3	-.4
Food and kindred products	4.3	4.1	4.4	.2	-.1
Rubber and misc. plastics products	3.5	3.4	3.7	.1	-.2
Nonmanufacturing[g]	229.5	229.6	219.6	.0	10.0
Construction	13.5	13.4	11.6	.1	1.9
Transportation and Public Utilities	13.6	13.3	13.5	.4	.2
Trucking and warehousing	5.9	5.5	5.5	.4	.4
Communication, electric, gas services	4.8	4.8	4.8	.0	-.1
Wholesale Trade	15.3	15.4	15.0	-.1	.3
Wholesale trade-durable goods	10.3	10.4	10.0	-.1	.2
Retail Trade	59.1	58.7	55.9	.4	3.2
General merchandise stores	8.6	8.5	8.2	.1	.3
Finance, Insurance, and Real Estate	12.8	12.8	12.5	.0	.3
Banking	3.3	3.8	3.8	.0	.0
Services	78.7	78.2	74.6	.5	4.0
Business services	17.5	17.2	15.9	.2	1.6
Health services	27.8	27.8	27.1	.0	.8
Hospitals	15.2	15.2	14.9	.0	.3
Government	36.3	37.6	36.2	-1.3	.0
State government	11.8	12.6	11.6	-.9	.2
State government education	7.5	8.3	7.4	-.8	.1
State government, except education	4.3	4.3	4.2	.0	.1
Local government	21.9	22.3	22.0	-.4	-.1
Local government education	11.1	11.4	11.4	-.3	-.3
Local government, except education	10.8	10.8	10.6	-.1	.1

Hours and Earnings of Production or Nonsupervisory Workers[a]

Toledo MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]
Manufacturing	$575.48	$566.24	$549.95	43.4	42.8	42.5	$13.26	$13.23	$12.94
Durable Goods[e]	589.31	579.44	561.74	43.3	42.7	42.3	13.61	13.57	13.28
Stone, clay, and glass products	574.21	539.60	523.65	43.9	41.7	41.2	13.08	12.94	12.71
Primary metal industries	484.92	459.61	508.24	42.8	41.0	44.7	11.33	11.21	11.37
Fabricated metal products	463.09	448.26	499.32	41.2	40.9	41.3	11.24	10.96	12.09
Metal forgings and stampings	639.15	585.96	624.34	42.3	40.3	42.1	15.11	14.54	14.83
Machinery, except electrical	505.24	509.58	492.48	42.6	42.5	41.7	11.86	11.99	11.81
Electric and electronic equipment	525.43	554.19	488.78	41.9	43.5	42.1	12.54	12.74	11.61
Transportation equipment	763.99	760.16	693.60	45.1	44.9	42.5	16.94	16.93	16.32
Motor vehicles and equipment	769.86	765.99	699.18	45.1	44.9	42.4	17.07	17.06	16.49
Nondurable Goods[f]	530.86	523.93	511.69	43.8	43.3	43.4	12.12	12.10	11.79
Food and kindred products	657.07	656.93	648.57	46.9	46.1	47.1	14.01	14.25	13.77
Rubber and misc. plastics products	384.48	378.86	339.47	43.2	43.2	40.9	8.90	8.77	8.30
Transportation and Public Utilities									
Communication, electric, gas services	599.89	602.78	628.54	41.4	41.4	42.7	14.49	14.56	14.72
Wholesale Trade	416.34	414.63	396.98	40.5	40.1	39.5	10.28	10.34	10.05
Retail Trade[h]	163.26	162.68	160.11	28.1	28.0	28.9	5.81	5.81	5.54

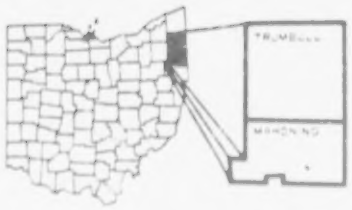
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Toledo MSA

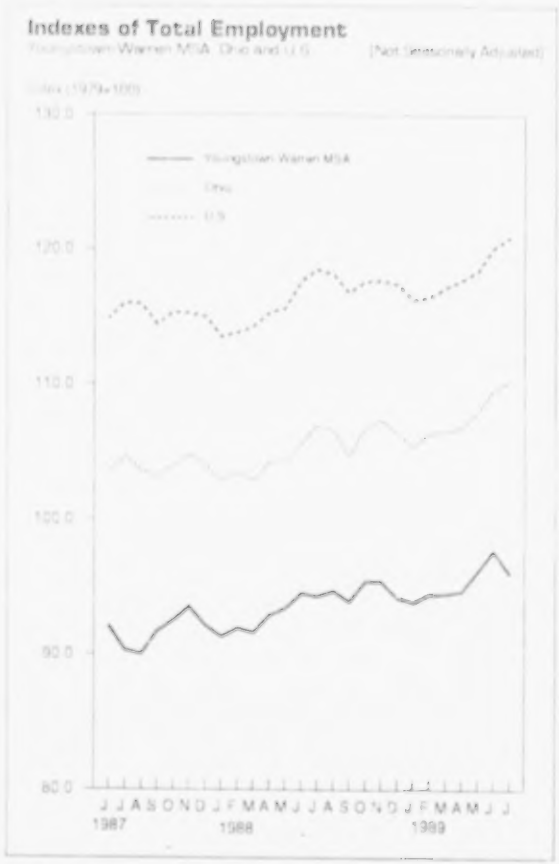
	August 1989	July 1989	August 1988
Employment Service Program			
New Applicants	2,537	1,826	2,471
Active File of Job Seekers	19,477	17,660	17,289
Referrals to Jobs	1,894	1,405	2,007
Placements	785	359	787
Job Openings Received	2,605	1,021	1,410
Job Openings Unfilled	1,511	905	1,629
Unemployment Insurance Program			
Initial Claims	3,029	4,430	3,420
Continued Claims	21,459	19,927	18,400
First Payments	1,566	1,506	1,558
Last Payments	348	357	262
Weeks Compensated	17,792	14,679	13,795
Benefits Paid	$2,844,241	$2,300,608	$1,993,002
Average Weekly Payment	$168.65	$164.43	$147.44

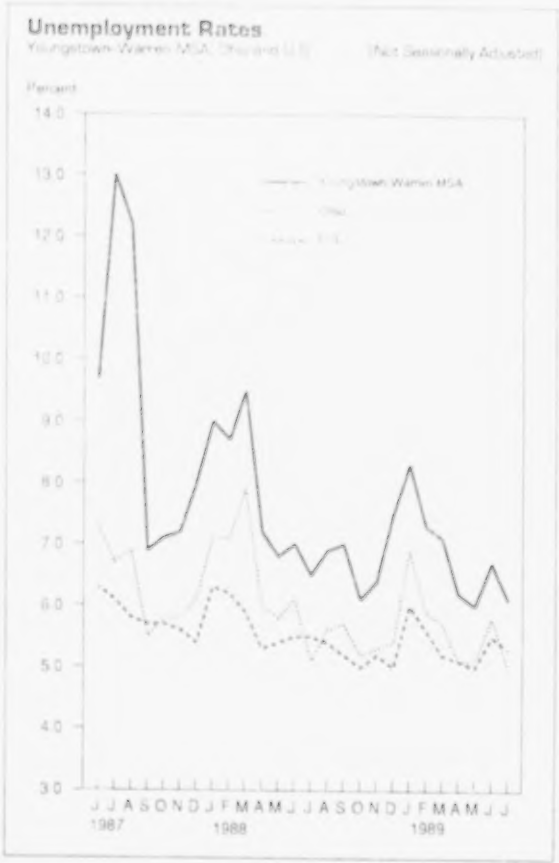
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



In the Youngstown-Warren metropolitan area, nonagricultural payroll employment increased 4,800 above the July level to 199,000 in August 1989. The return of workers from a temporary shutdown in transportation equipment raised manufacturing employment 4,200 to 48,900. Nonmanufacturing employment gained 700 over the month due to marginal improvements in construction and retail trade. Factory production workers averaged $13.96 per hour, up $.24 from July. Their average workweek of 42.0 hours was .3 hours shorter.

Total nonfarm wage and salary employment advanced 5,200 between August 1988 and August 1989. Noteworthy expansion occurred in services (+2,700), retail trade (+1,800), and construction (+1,100). The manufacturing workforce lost 1,400 jobs during the period due to a significant reduction in primary metal industries and modest declines in fabricated metal products, transportation equipment, and electric and electronic equipment. Employment in nonelectrical machinery increased.





Youngstown-Warren MSA Labor Force and Employment Data

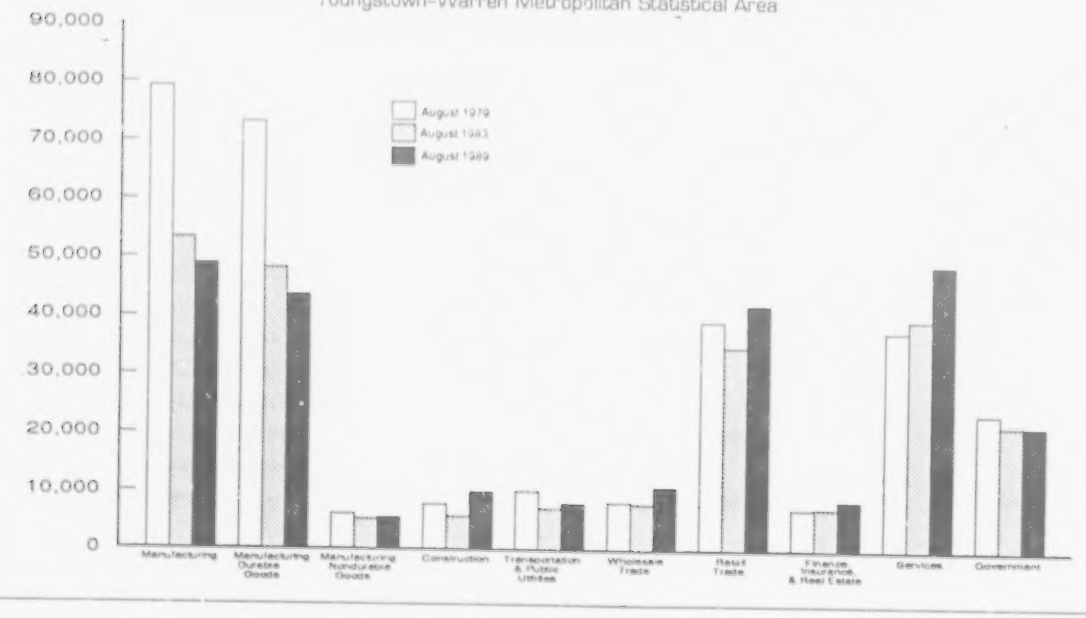
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
						Manufacturing Employment				
							Manufacturing Production Workers			
								Hours & Earnings		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
		Total	Rate							
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	$353.56	41.4	$ 8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30
221.6	200.0	21.6	9.7	1987	188.3	48.9	36.7	567.91	42.7	13.30
222.3	205.9	16.4	7.4	1988	193.9	50.5	38.5	575.95	42.6	13.52
				1988						
221.7	207.4	14.3	6.5	July	192.6	48.9	36.9	568.09	42.3	13.43
223.8	208.3	15.5	6.9	August	193.8	50.3	38.3	557.44	41.6	13.40
222.0	206.4	15.6	7.0	September	197.6	51.8	39.9	589.81	43.4	13.59
223.3	209.8	13.5	6.1	October	198.0	51.7	39.7	586.09	43.0	13.63
224.0	209.7	14.2	6.4	November	199.8	51.9	39.8	593.71	43.4	13.68
224.0	207.1	16.9	7.5	December	196.7	49.8	37.8	594.21	43.5	13.66
				1989						
224.9	206.2	18.7	8.3	January	193.4	51.1	39.0	599.87	43.5	13.79
223.9	207.5	16.3	7.3	February	193.0	50.6	38.6	586.87	42.9	13.68
223.7	207.8	15.9	7.1	March	194.7	50.3	38.3	593.64	43.3	13.71
222.1	208.3	13.8	6.2	April	197.0	50.1	38.2	586.18	42.6	13.76
225.1	211.5	13.6	6.0	May	200.0	50.1	38.1	600.66	43.4	13.84
230.2	214.9	15.3	6.7	June	201.2	50.2	38.2	588.39	42.3	13.91
224.7	211.1	13.6	6.1	July	194.2	44.7	32.7	580.36	42.3	13.72
INA	INA	INA	INA	August	199.0	48.9	36.8	586.32	42.0	13.96

INA – information not available

Employment in Manufacturing and Nonmanufacturing Industries

Youngstown-Warren Metropolitan Statistical Area



Nonagricultural Wage and Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1989[b]	July 1989[c]	August 1988[c]	From Last Month	From Last Year
Total	199.0	194.2	193.8	4.8	5.2
Manufacturing	48.9	44.7	50.3	4.2	-1.4
Durable Goods[e]	43.5	39.5	44.9	4.0	-1.4
Primary metal industries	17.8	17.6	18.8	.2	-1.0
Blast furnace and basic steel products	5.5	5.5	5.8	-.1	-.3
Fabricated metal products	7.0	7.0	7.3	.0	-.3
Machinery, except electrical	3.9	4.0	3.7	.0	.2
Electric and electronic equipment	2.2	2.2	2.3	.0	-.1
Transportation equipment	9.4	5.5	9.5	3.9	-.2
Nondurable Goods[f]	5.3	5.2	5.4	.1	.0
Nonmanufacturing[g]	150.1	149.4	143.4	.7	6.7
Construction	9.8	9.5	8.7	.3	1.1
Transportation and Public Utilities	7.9	7.8	7.6	.0	.2
Communication, electric, gas services	2.8	2.8	2.9	.0	-.2
Wholesale Trade	10.8	10.7	10.4	.1	.3
Wholesale trade-durable goods	6.9	6.9	6.7	.0	.2
Retail Trade	41.9	41.7	40.1	.2	1.8
General merchandise stores	5.1	5.2	5.2	.0	.0
Finance, Insurance, and Real Estate	8.5	8.4	8.5	.0	.0
Banking	2.8	2.8	2.8	.0	.0
Services	49.0	49.1	46.3	-.1	2.7
Health services	21.3	21.2	20.7	.1	.6
Hospitals	11.1	11.0	10.7	.0	.3
Government	21.5	21.4	21.0	.1	.5
State government	3.4	3.4	3.4	-.1	.0
State government education[h]	1.8	1.9	1.8	.0	.0
State government, except education	1.6	1.6	1.6	.0	.0
Local government	16.0	15.8	15.6	.1	.4
Local government education	9.2	9.2	9.1	.0	.1
Local government, except education	6.8	6.7	6.5	.1	.3

Hours and Earnings of Production or Nonsupervisory Workers[a]

Youngstown-Warren MSA

	Average Weekly Earnings		Average Weekly Hours			Average Hourly Earnings		
	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]	Aug 1989[b]	Jul 1989[c]	Aug 1988[c]
Manufacturing	[illegible]	[illegible]	[illegible]	42.3	42.3	41.6	$13.96	$13.72	$13.40
Durable Goods[e]	[illegible]	[illegible]	[illegible]	[illegible]	42.5	41.9	14.25	14.01	13.66
Primary metal industries	[illegible]	[illegible]	[illegible]	[illegible]	42.5	41.9	15.64	15.42	14.85
Blast furnace and basic steel products	[illegible]	[illegible]	[illegible]	[illegible]	45.3	44.7	13.89	13.71	13.52
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	42.1	41.3	13.33	13.49	13.05
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	42.8	42.1	11.90	11.83	11.41
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	42.0	41.2	11.73	11.73	11.16
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	43.3	42.4	15.09	14.71	14.36
Nondurable Goods[f]	[illegible]	[illegible]	[illegible]	[illegible]	42.2	39.3	10.94	10.88	10.49
Transportation and Public Utilities	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	40.9	40.5	14.44	14.41	13.95
Wholesale Trade	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	39.6	9.67	9.67	9.28
Retail Trade[h]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29.6	6.46	6.37	6.02

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Not calculated; insufficient data. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; fabricated metal products and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State government agricultural extension service, agricultural research centers, and the Ohio Department of Education employment disputes.

Selected Administrative Program Activities

Youngstown-Warren MSA

	[illegible]	July 1989	August 1988
Employment Service Program			
New Applicants	[illegible]	1,689	2,973
Active File of Job Seekers	[illegible]	22,001	17,000
Referrals to Jobs	[illegible]	1,074	1,491
Placements	[illegible]	245	372
Job Openings Received	[illegible]	806	717
Job Openings Unfilled	[illegible]	890	1,648
Unemployment Insurance Program			
Initial Claims	[illegible]	7,156	3,369
Continued Claims	[illegible]	20,405	17,947
First Payments	[illegible]	1,704	1,735
Last Payments	[illegible]	281	232
Weeks Compensated	[illegible]	14,049	14,252
Benefits Paid	[illegible]	$2,051,633	$2,043,692
Average Weekly Payment	[illegible]	$155.47	$146.27

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	42	2
Manufacturing	57	3
Nonmanufacturing	38	2
Mining	52	1.4
Construction	19	1.4
Transportation and Public Utilities	45	3
Wholesale Trade	22	4
Retail Trade	21	4
Finance, Insurance, and Real Estate	43	3
Services	34	3
Government	71	2

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than 2 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1988 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	Ohio		
	August 1989	July 1989	August 1988
New Applicants	43,692	27,022	41,677
Active File of Job Seekers	295,274	263,145	260,482
Counseling Interviews	807	456	1,422
Tests Administered	1,638	1,097	3,262
General Aptitude Tests	96	70	223
Proficiency Tests	402	280	400
Specific Aptitude Tests	192	95	296
Referrals to Jobs	30,703	19,261	35,536
Placements	11,687	7,551	10,279
Job Openings Received	44,961	26,936	20,060
Job Openings Unfilled	24,892	24,355	31,465

Selected Unemployment Insurance Activities

	Ohio		
	August 1989	July 1989	August 1988
Initial Claims	50,739	62,654	50,357
Continued Claims	343,575	323,079	345,821
First Payments	23,255	21,828	24,581
Last Payments	6,004	6,155	5,591
Average Weekly Claimants	72,760	76,168	73,328
Average Weekly Benefit Recipients	59,744	60,480	58,646
Weeks Compensated	282,116	248,345	264,289
Benefits Paid	$43,065,986	$37,618,942	$39,148,040
Average Weekly Payment	$159.68	$158.76	$151.17
Continued Claims for Survey Week	70,095	84,759	70,093
Insured Unemployment Rate	1.6	1.7	1.7
Net Contributions	NA	$61,006,917	$148,460,982
Active Employer Accounts	204,563	204,637	200,659

NA = Not Available

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Postage and Fees Paid
Employment Security Mail
Lab 441

Labor Market Review

This periodical is published monthly by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor. For further information contact Dixie Sommers, Director, Labor Market Information Division at (614) 644-2689.

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